# HOURLY VALUES AUGUST 1880.

## CISTERN 23 FEET ABOVE MEAN SEA LEVEL.

| | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT. | MEANS. | DAYS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 695 | 29.702 | 29.702 | 29.711 | 29.707 | 29.717 | 29.728 | 29.737 | 29.744 | 29.750 | 29.752 | 29.679 | 1 |
| 843 | .850 | .853 | .866 | .871 | .884 | .890 | .900 | .906 | .910 | .910 | 29.830 | 2 |
| 905 | .899 | .893 | .889 | .889 | .888 | .886 | .892 | .876 | .864 | .855 | 29.896 | 3 |
| 719 | .713 | .703 | .696 | .683 | .680 | .684 | .687 | .686 | .687 | .683 | 29.733 | 4 |
| 661 | .652 | .635 | .633 | .632 | .622 | .614 | .609 | .608 | .600 | .589 | 29.644 | 5 |
| 687 | .687 | .686 | .684 | .683 | .692 | .698 | .689 | .676 | .655 | .637 | 29.656 | 6 |
| 597 | .620 | .634 | .654 | .681 | .693 | .718 | .730 | .745 | .751 | .753 | 29.563 | 7 |
| 815 | 29.809 | 29.813 | 29.813 | 29.813 | 29.821 | 29.838 | 29.860 | 29.867 | 29.879 | 29.890 | 29.807 | 8 |
| 034 | 30.045 | 30.058 | 30.064 | 30.073 | 30.085 | 30.098 | 30.111 | 30.125 | 30.129 | 30.145 | 30.015 | 9 |
| 272 | .267 | .261 | .259 | .255 | .265 | .263 | .268 | .274 | .272 | .262 | 30.236 | 10 |
| 022 | .215 | .213 | .212 | .210 | .212 | .221 | .229 | .233 | .232 | .232 | 30.233 | 11 |
| 004 | .196 | .197 | .198 | .196 | .196 | .203 | .207 | .206 | .211 | .206 | 30.211 | 12 |
| 008 | .208 | .205 | .203 | .201 | .202 | .212 | .222 | .213 | .206 | .204 | 30.206 | 13 |
| 133 | .125 | .118 | .119 | .115 | .113 | .125 | .130 | .134 | .135 | .127 | 30.150 | 14 |
| 065 | .063 | .056 | .052 | .059 | .062 | .064 | .071 | .063 | .069 | .068 | 30.079 | 15 |
| 052 | .042 | .041 | .048 | .043 | .049 | .062 | .064 | .070 | .076 | .087 | 30.055 | 16 |
| 27 | .117 | .117 | .107 | .115 | .114 | .136 | .141 | .152 | .155 | .149 | 30.116 | 17 |
| 12 | .100 | .088 | .082 | .082 | .087 | .099 | .122 | .120 | .122 | .112 | 30.116 | 18 |
| 70 | .066 | .055 | .052 | .050 | .057 | .067 | .074 | .082 | .084 | .077 | 30.075 | 19 |
| 82 | .083 | .077 | .072 | .075 | .081 | .101 | .111 | .119 | .119 | .119 | 30.088 | 20 |
| 98 | .096 | .088 | .078 | .075 | .077 | .085 | .088 | .096 | .092 | .099 | 30.104 | 21 |
| 76 | .077 | .092 | .071 | .070 | .076 | .087 | .091 | .091 | .091 | .090 | 30.084 | 22 |
| 49 | 30.050 | 30.045 | 30.039 | 30.038 | 30.037 | 30.046 | 30.050 | 30.057 | 30.054 | 30.057 | 30.060 | 23 |
| 995 | 29.984 | 29.979 | 29.976 | 29.972 | 29.967 | 29.972 | 29.971 | 29.969 | 29.968 | 29.953 | 29.999 | 24 |
| 860 | .867 | .857 | .856 | .849 | .838 | .843 | .845 | .845 | .836 | 29.822 | 29.875 | 25 |
| 856 | 29.869 | 29.878 | 29.891 | 29.906 | 29.915 | 29.957 | 29.985 | 29.996 | 29.997 | 30.011 | 29.865 | 26 |
| 179 | 30.189 | 30.203 | 30.211 | 30.216 | 30.226 | 30.242 | 30.246 | 30.251 | 30.256 | .255 | 30.159 | 27 |
| 220 | .210 | .200 | .189 | .184 | .174 | .177 | .173 | 30.174 | 30.167 | 30.145 | 30.219 | 28 |
| 024 | 30.020 | 30.008 | 30.002 | 30.001 | 30.010 | 30.008 | 30.006 | 29.997 | 29.994 | 29.979 | 30.046 | 29 |
| 930 | 29.925 | 29.931 | 29.921 | 29.925 | 29.933 | 29.947 | 29.949 | 29.954 | 946 | .943 | 29.942 | 30 |
| 940 | 29.947 | 29.962 | 29.966 | 29.971 | 29.981 | 29.990 | 29.997 | 30.001 | 29.992 | 29.984 | 29.957 | 31 |

# WET BULB THERMOMETER 12 FEET ABOVE GROUND.

| 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT. | MEANS | DAYS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 56.1 | 57.0 | 57.5 | 57.0 | 57.1 | 57.6 | 57.5 | 58.1 | 58.2 | 58.8 | 58.8 | 58.4 | 58.9 | 59.0 | 58.9 | 58.2 | 57.5 | 57.0 | 57.1 | 56.4 | 56.2 | 56.7 | 56.7 | 57.6 | 1 |
| 56.0 | 56.3 | 56.4 | 56.0 | 56.3 | 56.8 | 57.8 | 58.2 | 58.5 | 58.8 | 59.1 | 58.8 | 59.5 | 59.2 | 59.3 | 59.1 | 58.4 | 57.9 | * | 58.2 | 58.6 | 58.5 | 58.8 | 58.0 | 2 |
| 59.0 | 59.2 | 59.4 | 59.9 | 59.0 | 59.2 | 59.8 | 60.0 | 60.5 | 62.0 | 62.0 | 61.9 | 62.0 | 63.2 | 62.6 | 60.8 | 61.0 | 60.3 | 60.3 | 60.0 | 60.1 | 59.9 | 59.8 | 60.5 | 3 |
| 59.9 | 59.8 | 59.9 | 60.0 | 60.3 | 60.4 | 60.6 | 61.2 | 61.1 | 60.9 | 60.8 | 61.1 | 61.7 | 61.4 | 61.2 | 61.0 | 59.9 | 57.6 | 57.6 | 57.0 | 56.5 | 57.1 | 57.8 | 59.8 | 4 |
| 57.9 | 58.0 | 58.1 | 57.3 | 58.0 | 58.3 | 58.0 | 59.3 | 59.6 | 59.9 | 60.8 | 61.6 | 60.5 | 60.0 | 59.0 | 58.0 | 57.1 | 57.7 | 57.9 | 57.2 | 58.0 | 58.3 | 58.5 | 58.6 | 5 |
| 56.2 | 54.7 | 53.5 | 53.3 | 53.2 | 55.0 | 55.3 | 55.7 | 56.9 | 57.6 | 57.5 | 57.7 | 57.0 | 56.9 | 57.0 | 56.8 | 57.0 | 55.5 | 55.3 | 55.6 | 56.1 | 56.0 | 56.3 | 56.0 | 6 |
| 55.0 | 55.5 | 55.8 | 56.9 | 60.0 | 60.1 | 59.7 | 58.7 | 56.3 | 55.7 | 54.9 | 54.2 | 56.3 | 56.9 | 56.7 | 56.0 | 55.9 | 55.7 | 54.2 | 54.4 | 53.9 | 52.9 | 53.2 | 56.0 | 7 |
| 52.9 | 53.1 | 54.0 | 53.8 | 53.4 | 54.8 | 55.5 | 56.7 | 57.3 | 56.4 | 56.1 | 56.9 | 58.7 | 57.9 | 57.0 | 58.1 | 58.1 | 58.1 | 56.6 | 54.6 | 53.8 | 53.3 | 52.9 | 55.6 | 8 |
| 50.9 | 50.5 | 50.3 | 49.8 | 49.5 | 53.0 | 55.6 | 58.3 | 59.4 | 61.2 | 61.4 | 62.6 | 62.1 | 61.9 | 61.1 | 61.0 | 60.3 | 60.4 | 61.5 | 61.1 | 61.9 | 61.8 | 61.7 | 57.9 | 9 |
| 61.8 | 61.7 | 62.1 | 61.9 | 62.0 | 61.6 | 61.5 | 61.5 | 62.5 | 62.9 | 64.0 | 64.6 | 65.2 | 64.8 | 63.9 | 65.3 | 64.4 | 63.6 | 63.0 | 62.3 | 62.7 | 62.5 | 62.6 | 62.9 | 10 |
| 62.3 | 62.0 | 61.7 | 61.0 | 61.8 | 62.1 | 62.9 | 63.7 | 64.3 | 66.3 | 66.3 | 67.3 | 69.3 | 65.5 | 65.0 | 66.1 | 64.0 | 61.9 | 60.9 | 61.3 | 60.8 | 60.7 | 60.8 | 63.4 | 11 |
| 61.1 | 60.6 | 60.3 | 59.9 | 59.3 | 60.0 | 60.4 | 60.9 | 61.4 | 63.1 | 64.1 | 67.9 | 69.4 | 69.8 | 67.1 | 64.8 | 64.5 | 64.7 | 64.0 | 62.2 | 62.1 | 61.8 | 63.0 | 63.1 | 12 |
| 61.1 | 59.5 | 58.9 | 57.0 | 57.6 | 60.0 | 60.6 | 62.0 | 63.4 | 64.6 | 64.8 | 65.4 | 64.6 | 63.4 | 63.2 | 62.7 | †63.6 | †63.6 | †62.0 | 61.6 | 62.2 | 62.1 | 61.8 | 62.0 | 13 |
| 59.0 | 59.3 | 59.1 | 57.9 | 57.4 | 58.6 | 60.3 | 63.1 | 63.8 | 64.5 | 65.2 | 65.5 | 66.0 | 66.6 | 67.6 | 68.7 | 68.9 | 68.9 | 66.4 | 65.6 | 64.7 | 63.8 | 63.0 | 63.5 | 14 |
| 61.3 | 60.0 | 59.2 | 58.9 | 58.4 | 59.9 | 62.0 | 64.0 | †65.5 | 65.3 | 65.0 | 66.9 | 67.9 | 70.0 | 66.9 | 65.2 | 65.0 | 64.9 | 63.2 | 62.0 | 61.1 | 61.2 | 61.7 | 63.3 | 15 |
| 61.9 | 62.2 | 62.2 | 62.0 | 62.3 | 62.7 | 63.9 | 64.2 | 64.2 | 63.8 | 64.0 | 65.2 | 66.2 | 66.6 | 64.9 | 64.1 | 63.7 | 63.2 | 63.0 | 63.3 | 62.1 | 62.4 | 62.2 | 63.4 | 16 |
| 61.0 | 60.5 | 60.9 | 59.1 | 59.6 | 60.4 | 61.4 | 62.8 | 62.7 | 62.3 | 63.5 | 63.2 | 63.9 | 64.1 | 64.5 | 63.6 | 62.7 | 61.9 | 60.8 | 60.6 | 59.9 | 59.9 | 57.7 | 61.6 | 17 |
| 57.6 | 57.1 | 57.6 | 56.7 | 56.9 | 58.7 | 59.9 | 60.8 | 61.3 | 62.2 | 62.6 | 63.7 | 65.2 | 65.9 | 65.8 | 64.0 | 62.1 | 61.1 | 59.9 | 59.5 | 58.6 | 57.9 | 57.9 | 60.5 | 18 |
| 56.3 | 57.8 | 58.0 | 58.6 | 58.0 | 58.9 | 60.0 | 60.0 | 60.6 | 61.4 | 62.0 | 62.1 | 62.9 | 63.6 | 63.9 | 63.9 | 64.3 | 61.6 | 59.9 | 59.7 | 58.4 | 57.2 | 56.9 | 60.1 | 19 |
| 55.9 | 56.9 | 55.3 | 55.6 | 55.3 | 57.1 | 57.9 | 59.9 | 61.3 | 60.6 | 60.3 | 62.2 | 61.8 | 62.6 | 62.3 | 62.2 | 61.5 | 60.1 | 59.0 | 57.6 | 58.0 | 58.7 | 57.9 | 59.0 | 20 |
| 57.8 | 58.0 | 58.3 | 58.3 | 57.4 | 58.6 | 59.9 | 60.0 | 60.0 | 60.2 | 60.4 | 61.7 | 61.3 | 62.5 | 62.0 | 63.5 | 63.5 | 61.1 | 60.2 | 58.9 | 59.0 | 60.1 | 59.0 | 60.1 | 21 |
| 57.3 | 57.1 | 56.8 | 56.0 | 55.5 | 57.5 | 58.6 | 60.5 | 62.3 | 63.9 | 64.0 | 64.0 | 63.2 | 61.8 | 60.0 | 60.7 | 61.3 | 60.8 | 58.8 | 58.4 | 57.9 | 57.0 | 58.7 | 59.6 | 22 |
| 57.8 | 58.6 | 58.4 | 56.9 | 56.7 | 56.2 | 57.3 | 59.2 | 60.2 | 60.5 | 62.1 | 62.1 | 62.9 | 61.9 | 63.3 | 62.4 | 61.6 | 60.8 | 60.3 | 59.5 | 58.0 | 57.0 | 56.6 | 59.5 | 23 |
| 54.9 | 54.2 | 55.0 | 55.6 | 54.9 | 55.6 | 56.7 | 57.0 | 56.5 | 58.4 | 60.1 | 60.0 | 60.0 | 59.7 | 58.9 | 59.1 | 59.0 | 58.8 | 58.3 | 57.4 | 56.9 | 56.4 | 56.9 | 57.3 | 24 |
| 56.6 | 57.4 | 57.8 | 58.0 | 58.0 | 59.0 | 59.4 | 60.8 | 61.4 | 62.5 | 62.9 | 63.8 | 64.1 | 63.7 | 64.1 | 63.7 | 61.3 | 61.3 | 60.2 | 60.3 | 60.4 | 60.2 | 60.1 | 60.6 | 25 |
| 58.9 | 58.9 | 58.7 | 58.7 | 59.0 | 59.6 | 60.3 | 60.7 | 61.3 | 61.4 | 63.6 | 67.8 | 62.5 | 62.9 | 64.5 | 64.1 | 64.2 | 63.0 | 59.6 | 59.2 | 58.8 | 57.2 | 57.4 | 60.7 | 26 |
| 56.2 | 54.7 | 55.6 | 54.9 | 53.4 | 55.0 | 58.1 | 60.2 | 62.0 | 62.2 | †63.6 | 63.6 | 63.7 | 63.3 | 63.0 | 62.0 | 62.2 | 61.9 | 59.5 | 58.7 | 58.6 | 57.8 | 58.0 | 59.4 | 27 |
| 57.0 | 55.9 | 56.1 | 55.3 | 53.9 | 55.0 | 57.5 | 59.7 | 61.2 | 64.4 | 64.8 | 65.7 | 67.6 | 66.9 | 64.1 | 66.0 | 66.1 | 64.8 | 60.5 | 60.3 | 59.4 | 58.9 | 58.3 | 60.7 | 28 |
| 57.6 | 57.1 | 56.0 | 55.9 | 55.6 | 56.5 | 58.7 | 61.2 | 61.9 | 65.1 | 64.7 | 66.2 | 65.0 | 65.2 | 63.8 | 63.9 | 62.7 | 62.4 | 57.6 | 57.7 | 57.5 | 57.3 | 57.8 | 60.2 | 29 |
| 57.4 | 58.6 | 58.9 | 59.4 | 58.6 | 59.5 | 60.7 | 61.1 | 61.9 | 62.1 | 63.3 | 65.1 | 65.1 | 65.0 | 64.8 | 64.0 | 62.3 | 60.8 | 60.5 | 59.7 | 58.8 | 58.9 | 58.9 | 61.0 | 30 |
| 60.0 | 61.4 | 62.3 | 61.9 | 61.7 | 61.9 | 62.4 | 63.3 | 63.3 | 63.8 | 63.2 | 63.1 | 62.3 | 62.9 | 62.3 | 60.9 | 60.9 | 58.5 | 59.7 | 59.6 | 60.6 | 61.5 | 62.1 | 61.6 | 31 |

Meorological Office,
116, Victoria Street, Westminster. S.W.

ROBERT H. SCOTT. Secretary.

# VALENCIA OBSERVATORY LAT: 51° 55′N. LONG: 10° 18′W.

## WIND

DIRECTION IN NUMBERS { 8 = E. 24 = W. / 16 = S. 32 = N. }

| DAYS | 1 | | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | | 10 | | 11 | | NOON | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D |
| 1 | 15 | 2 | 16 | 2 | 16 | 1.5 | 16 | 5.5 | 27 | 9.5 | 28 | 7.5 | 29 | 10.5 | 29 | 12 | 27 | 16 | 27 | 18 | 25 | 22 | 26 | 19 | 28 |
| 2 | 28 | 11 | 27 | 9.5 | 27 | 13 | 27 | 12 | 28 | 11 | 29 | 10.5 | 27 | 9.5 | 28 | 13 | 28 | 13 | 28 | 13 | 27 | 10.5 | 27 | 11 | 27 |
| 3 | 27 | 2 | 25 | 5.5 | 23 | 5.5 | 23 | 7.5 | 23 | 12 | 25 | 10.5 | 25 | 6.5 | 24 | 12 | 24 | 16 | 22 | 16 | 22 | 19 | 22 | 19 | 22 |
| 4 | 17 | 17 | 17 | 17 | 19 | 20 | 18 | 20 | 17 | 23 | 18 | 30 | 18 | 26 | 18 | 28 | 18 | 30 | 18 | 31 | 18 | 30 | 18 | 27 | 18 |
| 5 | 20 | 19 | 21 | 16 | 21 | 16 | 21 | 17 | 22 | 9.5 | 22 | 12 | 22 | 13 | 22 | 13 | 21 | 14 | 21 | 20 | 22 | 19 | 21 | 21 | 21 |
| 6 | 27 | 20 | 29 | 11 | 28 | 15 | 28 | 15 | 27 | 15 | 25 | 11 | 25 | 14 | 25 | 16 | 24 | 18 | 25 | 20 | 24 | 21 | 24 | 24 | 25 |
| 7 | 17 | 15 | 15 | 19 | 13 | 22 | 13 | 28 | 13 | 26 | 22 | 21 | 22 | 25 | 22 | 34 | 28 | 25 | 28 | 28 | 29 | 24 | 29 | 26 | 28 |
| 8 | 26 | 18 | 26 | 14 | 26 | 11 | 26 | 16 | 26 | 14 | 26 | 9.5 | 25 | 9.5 | 24 | 12 | 24 | 17 | 23 | 20 | 24 | 18 | 24 | 14 | 23 |
| 9 | 28 | 2 | 28 | 3 | 28 | 1.5 | 28 | 2 | 28 | 1.5 | 28 | 4 | 30 | 3 | 30 | 1.5 | 14 | 9.5 | 14 | 13 | 14 | 14 | 14 | 27 | 14 |
| 10 | 20 | 14 | 20 | 13 | 20 | 9.5 | 20 | 7.5 | 20 | 6.5 | 18 | 4 | 12 | 5.5 | 14 | 9.5 | 12 | 6.5 | 16 | 8.5 | 14 | 17 | 17 | 10.5 | 18 |
| 11 | 8 | 4 | 4 | 1.5 | 4 | 4 | 4 | 1.5 | 4 | 1.5 | 4 | 3 | 9 | 4 | 12 | 5.5 | 14 | 5.5 | 14 | 5.5 | 14 | 8.5 | 15 | 9.5 | 13 |
| 12 | 6 | 3 | 12 | 6.5 | 13 | 4.5 | 13 | 1.5 | 16 | 3 | 20 | 1.5 | 20 | 2 | 32 | 3 | 1 | 4 | 1 | 3 | 25 | 4.5 | 30 | 4.5 | 28 |
| 13 | 12 | 4 | 4 | 1.5 | 4 | 2 | 4 | 2 | 4 | 1.5 | 4 | 2 | 4 | 1.5 | 4 | 1.5 | 4 | 4 | 4 | 2 | 4 | 4 | 24 | 12 | 22 |
| 14 | 22 | 2 | 22 | 2 | 22 | 2 | 22 | 3 | 22 | 1.5 | 22 | 2 | 22 | 1.5 | 22 | 4.5 | 23 | 3 | 25 | 4 | 30 | 7.5 | 31 | 7.5 | 31 |
| 15 | 17 | 1.5 | 17 | 1.5 | 17 | 1.5 | 17 | 1.5 | 17 | 1.5 | 17 | 1.5 | 17 | 3 | 18 | 2 | 18 | 3 | 11 | 2 | 3 | 7.5 | 30 | 10.5 | 18 |
| 16 | 2 | 1.5 | 2 | 1.5 | 2 | 1.5 | 2 | 2 | 2 | 3 | 2 | 2 | 28 | 2 | 28 | 2 | 28 | 1.5 | 28 | 2 | 28 | 4.5 | 30 | 7.5 | 32 |
| 17 | 2 | 2 | 2 | 1.5 | 2 | 2 | 2 | 1.5 | 2 | 3 | 2 | 2 | 2 | 2 | 10 | 1.5 | 10 | 1.5 | 10 | 7.5 | 9 | 9.5 | 2 | 9.5 | 5 |
| 18 | 3 | 6.5 | 3 | 8.5 | 2 | 8.5 | 3 | 10.5 | 2 | 8.5 | 4 | 3 | 5 | 4.5 | 7 | 6.5 | 4 | 9.5 | 7 | 11 | 5 | 12 | 5 | 8.5 | 6 |
| 19 | 24 | 1.5 | 24 | 2 | 24 | 1.5 | 24 | 2 | 32 | 2 | 32 | 1.5 | 32 | 4.5 | 32 | 6.5 | 32 | 10.5 | 5 | 11 | 1 | 13 | 2 | 14 | 2 |
| 20 | 24 | 1.5 | 24 | 1.5 | 2 | 2 | 2 | 1.5 | 2 | 2 | 2 | 2 | 2 | 4 | 2 | 1.5 | 2 | 3 | 4 | 4 | 31 | 4 | 29 | 8.5 | 32 |
| 21 | 20 | 3 | 20 | 1.5 | 22 | 1.5 | 22 | 1.5 | 22 | 1.5 | 22 | 1.5 | 22 | 2 | 22 | 3 | 4 | 7.5 | 5 | 11 | 5 | 10.5 | 5 | 9.5 | 2 |
| 22 | 4 | 3 | 4 | 1.5 | 4 | 1.5 | 4 | 1.5 | 4 | 3 | 4 | 2 | 4 | 2 | 4 | 1.5 | 4 | 2 | 4 | 1.5 | 11 | 3 | 8 | 9.5 | 21 |
| 23 | 14 | 2 | 8 | 3 | 4 | 4 | 4 | 3 | 9 | 2 | 6 | 4.5 | 6 | 3 | 6 | 2 | 2 | 5.5 | 2 | 8.5 | 1 | 11 | 2 | 10.5 | 5 |
| 24 | 24 | 2 | 24 | 2 | 24 | 3 | 30 | 3 | 30 | 3 | 4 | 4 | 2 | 4 | 2 | 3 | 6 | 8.5 | 7 | 13 | 8 | 8.5 | 10 | 8.5 | 10 |
| 25 | 9 | 12 | 9 | 2 | 9 | 5.5 | 9 | 4.5 | 9 | 5.5 | 9 | 5.5 | 9 | 3 | 9 | 7.5 | 10 | 10.5 | 10 | 11 | 12 | 11 | 13 | 11 | 14 |
| 26 | 12 | 21 | 12 | 21 | 12 | 18 | 12 | 19 | 12 | 17 | 13 | 15 | 12 | 16 | 12 | 15 | 12 | 14 | 12 | 16 | 14 | 17 | 13 | 17 | 12 |
| 27 | 25 | 2 | 25 | 3 | 1 | 2 | 1 | 3 | 1 | 2 | 1 | 1.5 | 1 | 2 | 1 | 3 | 1 | 3 | 1 | 4 | 27 | 4.5 | 20 | 4.5 | 24 |
| 28 | 29 | 2 | 24 | 2 | 29 | 3 | 32 | 2 | 32 | 2 | 32 | 3 | 32 | 1.5 | 32 | 2 | 32 | 3 | 32 | 2 | 32 | 5.5 | 22 | 8.5 | 22 |
| 29 | 26 | 1.5 | 26 | 2 | 26 | 2 | 26 | 1.5 | 26 | 1.5 | 26 | 1.5 | 26 | 2 | 26 | 2 | 26 | 2 | 32 | 4 | 5 | 4 | 24 | 7.5 | 21 |
| 30 | 3 | 1.5 | 3 | 3 | 3 | 4.5 | 26 | 4 | 26 | 2 | 26 | 1.5 | 26 | 1.5 | 26 | 4.5 | 4 | 2 | 12 | 4.5 | 12 | 6.5 | 14 | 10.5 | 14 |
| 31 | 12 | 3 | 10 | 6.5 | 11 | 17 | 15 | 15 | 15 | 11 | 15 | 15 | 15 | 15 | 14 | 18 | 14 | 20 | 14 | 27 | 14 | 25 | 14 | 30 | 15 |

## RAINFALL

RAIN GAUGE { HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 11 FEET.

| DAYS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | . | . | .002 | .073 | .032 | .013 | . | .035 | . | . | . | .025 | .045 | . | . | . | . | . | . | . | . | . | . | . |
| 2 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 3 | . | . | . | . | .005 | .015 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 4 | . | . | . | . | . | . | . | .010 | . | . | . | . | . | . | . | . | . | .007 | .096 | .055 | .047 | . | . | .002 |
| 5 | . | . | . | .050 | .173 | .003 | .002 | . | . | . | . | . | . | . | . | . | . | .085 | .070 | .065 | .005 | . | . | .010 |
| 6 | .115 | .030 | . | . | .002 | .002 | .002 | .003 | .021 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 7 | .050 | .005 | .045 | .080 | .100 | .042 | .020 | .003 | .003 | .002 | . | . | . | . | . | . | . | . | . | . | . | . | .005 | . |
| 8 | . | . | . | . | .007 | .003 | .005 | .008 | .002 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 9 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 10 | . | . | . | . | .005 | .002 | .001 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 11 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 12 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | 4.10 |
| 13 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 14 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 15 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 16 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | .065 | .232 | .018 | . | . | . | . | .002 | .003 |
| 17 | .002 | .002 | .002 | .002 | .002 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 18 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | .035 | . | . | . |
| 19 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 20 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 21 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 22 | . | . | . | . | . | . | . | . | . | . | . | . | . | .015 | .010 | .627 | .048 | . | . | . | . | . | . | . |
| 23 | . | . | .003 | . | .002 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 24 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 25 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | .006 |
| 26 | .004 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 27 | . | . | . | . | .005 | .001 | .003 | .001 | .010 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 28 | . | . | . | . | . | . | . | . | .006 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 29 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | .470 | .770 | .202 | .038 | .015 | .003 | .002 |
| 30 | . | . | . | . | . | .003 | .002 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 31 | . | . | . | . | . | . | . | . | .030 | . | . | . | . | . | . | . | . | . | . | . | .030 | .050 | .040 | .035 |

* Record defective or Instrument out of action. † Obtained from reading of Standard. ‡ Approximate

# HOURLY VALUES AUGUST 1880.

AND VELOCITY IN MILES PER HOUR.

| 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | | 10 | | 11 | | MIDT. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | | DAYS |
| 18 | 27 | 20 | 26 | 19 | 26 | 17 | 26 | 14 | 26 | 15 | 29 | 11 | 27 | 8.5 | 26 | 11 | 26 | 11 | 27 | 10.5 | | 1 |
| 10.5 | 25 | 13 | 24 | 11 | 25 | 10.5 | 28 | 9.5 | 27 | 7.5 | 27 | 4.5 | 27 | 3 | 27 | 1.5 | 27 | 2 | 27 | 4 | | 2 |
| 20 | 22 | 20 | 22 | 20 | 22 | 17 | 22 | 14 | 22 | 13 | 19 | 14 | 19 | 14 | 19 | 11 | 18 | 14 | 18 | 16 | | 3 |
| 32 | 17 | 32 | 17 | 27 | 17 | 30 | 21 | 19 | 22 | 14 | 22 | 13 | 22 | 13 | 22 | 13 | 21 | 15 | 21 | 17 | | 4 |
| 18 | 21 | 19 | 21 | 21 | 23 | 16 | 23 | 13 | 22 | 16 | 21 | 18 | 21 | 17 | 20 | 19 | 20 | 16 | 22 | 13 | | 5 |
| 20 | 24 | 20 | 25 | 20 | 25 | 16 | 25 | 14 | 24 | 10.5 | 24 | 9.5 | 23 | 11 | 21 | 11 | 21 | 11 | 20 | 18 | | 6 |
| 22 | 28 | 21 | 28 | 23 | 26 | 20 | 27 | 20 | 28 | 20 | 27 | 17 | 28 | 16 | 27 | 17 | 26 | 17 | 26 | 17 | | 7 |
| 14 | 21 | 15 | 22 | 11 | 22 | 7.5 | 22 | 6.5 | 22 | 3 | 22 | 2 | 27 | 4.5 | 28 | 1.5 | 28 | 2 | 28 | 1.5 | | 8 |
| 24 | 14 | 24 | 14 | 16 | 14 | 15 | 14 | 20 | 14 | 13 | 16 | 13 | 15 | 10.5 | 18 | 10.5 | 20 | 14 | 21 | 12 | | 9 |
| 8.5 | 22 | 8.5 | 23 | 6.5 | 23 | 4.5 | 4 | 3 | 27 | 2 | 2 | 5.5 | 11 | 6.5 | 12 | 5.5 | 5 | 3 | 12 | 4 | | 10 |
| 7.5 | 20 | 14 | 22 | 11 | 22 | 9.5 | 13 | 5.5 | 6 | 3 | 6 | 2 | 6 | 2 | 6 | 1.5 | 6 | 3 | 6 | 1.5 | | 11 |
| 2 | 21 | 6.5 | 23 | 9.5 | 24 | 10.5 | 26 | 4 | 26 | 2 | 26 | 1.5 | 30 | 2 | 30 | 2 | 31 | 5.5 | 12 | 1.5 | | 12 |
| 9.5 | 29 | 9.5 | 30 | 7.5 | 28 | 7.5 | 26 | 6.5 | 28 | 9.5 | 28 | 4.5 | 24 | 3 | 22 | 2 | 22 | 1.5 | 22 | 3 | | 13 |
| 10.5 | 31 | 10.5 | 31 | 9.5 | 2 | 5.5 | 3 | 4 | 3 | 1.5 | 3 | 3 | 9 | 2 | 17 | 2 | 17 | 1.5 | 17 | 1.5 | | 14 |
| 4.5 | 17 | 4.5 | 22 | 8.5 | 23 | 9.5 | 24 | 8.5 | 24 | 6.5 | 28 | 3 | 2 | 4.5 | 2 | 3 | 2 | 1.5 | 2 | 1.5 | | 15 |
| 5.5 | 31 | 6.5 | 30 | 12 | 32 | 10.5 | 2 | 8.5 | 2 | 6.5 | 2 | 4.5 | 2 | 1.5 | 2 | 1.5 | 2 | 1.5 | 2 | 3 | | 16 |
| 11 | 5 | 17 | 5 | 15 | 4 | 20 | 5 | 18 | 4 | 14 | 4 | 14 | 5 | 13 | 4 | 10.5 | 5 | 10.5 | 2 | 8.5 | | 17 |
| 9.5 | 4 | 11 | 7 | 6.5 | 23 | 18 | 23 | 13 | 24 | 11 | 24 | 10.5 | 24 | 5.5 | 24 | 6.5 | 24 | 1.5 | 24 | 1.5 | | 18 |
| 14 | 2 | 13 | 2 | 13 | 2 | 10.5 | 2 | 6.5 | 32 | 10.5 | 32 | 7.5 | 32 | 4.5 | 32 | 4 | 24 | 2 | 24 | 2 | | 19 |
| 14 | 1 | 14 | 2 | 14 | 2 | 11 | 32 | 11 | 1 | 14 | 4 | 3 | 25 | 4 | 25 | 2 | 25 | 3 | 25 | 1.5 | | 20 |
| 9.5 | 22 | 7.5 | 22 | 6.5 | 21 | 7.5 | 21 | 3 | 30 | 5.5 | 1 | 6.5 | 9 | 3 | 3 | 3 | 3 | 3 | 8. | 7.5 | | 21 |
| 10.5 | 22 | 13 | 22 | 6.5 | 22 | 9.5 | 24 | 5.5 | 24 | 2 | 24 | 4 | 24 | 1.5 | 24 | 1.5 | 24 | 2 | 24 | 3 | | 22 |
| 16 | 2 | 19 | 2 | 14 | 2 | 14 | 3 | 13 | 4 | 11 | 4 | 8.5 | 10 | 2 | 24 | 4.5 | 24 | 2 | 24 | 2 | | 23 |
| 11 | 9 | 14 | 9 | 16 | 10 | 15 | 9 | 11 | 9 | 10.5 | 7 | 7.5 | 7 | 12 | 6 | 8.5 | 5 | 10.5 | 8 | 12 | | 24 |
| 17 | 14 | 22 | 14 | 25 | 14 | 24 | 14 | 18 | 14 | 18 | 14 | 8.5 | 13 | 13 | 13 | 19 | 13 | 17 | 13 | 17 | | 25 |
| 18 | 13 | 16 | 14 | 10.5 | 17 | 10.5 | 17 | 8.5 | 17 | 4.5 | 18 | 5.5 | 25 | 6.5 | 25 | 1.5 | 25 | 3 | 25 | 2 | | 26 |
| 9.5 | 24 | 10.5 | 26 | 10.5 | 27 | 8.5 | 28 | 10.5 | 29 | 6.5 | 29 | 4 | 29 | 2 | 29 | 2 | 29 | 2 | 29 | 2 | | 27 |
| 4.5 | 17 | 6.5 | 22 | 4.5 | 25 | 4 | 26 | 2 | 26 | 1.5 | 26 | 2 | 26 | 1.5 | 26 | 1.5 | 26 | 1.5 | 26 | 1.5 | | 28 |
| 8.5 | 29 | 2 | 27 | 5.5 | 20 | 7.5 | 27 | 4.5 | 3 | 8.5 | 11 | 12 | 11 | 9.5 | 3 | 4.5 | 3 | 2 | 3 | 1.5 | | 29 |
| 15 | 16 | 16 | 14 | 19 | 14 | 19 | 16 | 11 | 17 | 8.5 | 15 | 7.5 | 14 | 7.5 | 11 | 3 | 12 | 8.5 | 12 | 3 | | 30 |
| 33 | 18 | 34 | 18 | 27 | 20 | 23 | 20 | 22 | 19 | 20 | 17 | 21 | 16 | 20 | 16 | 22 | 16 | 24 | 16 | 30 | | 31 |

# VAPOUR TENSION IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

| 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT | DAYS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 442 | 457 | 467 | 452 | 453 | 457 | 455 | 456 | 451 | 464 | 480 | 476 | 464 | 437 | 435 | 434 | 423 | 420 | 439 | 41.9 | 41.9 | 42.7 | 42.5 | 1 |
| 414 | 417 | 420 | 414 | 435 | 432 | 443 | 437 | 43.4 | 44.4 | 442 | 431 | 453 | 437 | 441 | 441 | 434 | 432 | * | 45.3 | 46.4 | 46.6 | 47.9 | 2 |
| 487 | 497 | 503 | 512 | 484 | 480 | 498 | 508 | 51.9 | 53.1 | 525 | 492 | 533 | 532 | 529 | 50.0 | 523 | 511 | 508 | 50.5 | 50.9 | 50.6 | 50.4 | 3 |
| 503 | 504 | 503 | 498 | 500 | 505 | 510 | 514 | 50.3 | 48.3 | 483 | 495 | 509 | 502 | 502 | 510 | 503 | 460 | 460 | 45.2 | 43.9 | 44.1 | 45.3 | 4 |
| 451 | 456 | 462 | 457 | 461 | 467 | 457 | 467 | 46.7 | 47.5 | 487 | 497 | 477 | 455 | 460 | 447 | 451 | 464 | 469 | 45.4 | 46.9 | 47.6 | 48.3 | 5 |
| 428 | 385 | 367 | 360 | 360 | 385 | 385 | 393 | 403 | 417 | 421 | 419 | 394 | 392 | 388 | 400 | 403 | 387 | 395 | 404 | 413 | 411 | 422 | 6 |
| 412 | 431 | 437 | 456 | 512 | 508 | 501 | 471 | 417 | 399 | 370 | 363 | 384 | 398 | 391 | 378 | 378 | 379 | 367 | 374 | 368 | 356 | 354 | 7 |
| 364 | 370 | 375 | 371 | 377 | 394 | 407 | 411 | 413 | 389 | 379 | 391 | 423 | 426 | 397 | 427 | 426 | 431 | 417 | 402 | 394 | 390 | 387 | 8 |
| 359 | 356 | 355 | 348 | 344 | 388 | 416 | 441 | 449 | 468 | 477 | 502 | 496 | 504 | 508 | 506 | 507 | 514 | 538 | 531 | 543 | 546 | 542 | 9 |
| 544 | 544 | 558 | 549 | 548 | 542 | 537 | 549 | 558 | 546 | 563 | 565 | 569 | 565 | 552 | 576 | 568 | 558 | 554 | 542 | 540 | 545 | 543 | 10 |
| 545 | 540 | 536 | 522 | 541 | 540 | 544 | 551 | 548 | 576 | 558 | 563 | 602 | 564 | 562 | 564 | 540 | 519 | 511 | 524 | 513 | 515 | 523 | 11 |
| 526 | 520 | 513 | 509 | 500 | 509 | 512 | 516 | 521 | 545 | 546 | 621 | 641 | 628 | 572 | 540 | 534 | 570 | 563 | 529 | 540 | 535 | 562 | 12 |
| 521 | 492 | 487 | 452 | 469 | 512 | 520 | 548 | 563 | 565 | 549 | 549 | 519 | 486 | 477 | 468 | †496 | †549 | †531 | 528 | 535 | 534 | 520 | 13 |
| 469 | 486 | 487 | 470 | 467 | 487 | 511 | 552 | 529 | 524 | 536 | 519 | 532 | 551 | 570 | 601 | 618 | 615 | 584 | 591 | 585 | 575 | 560 | 14 |
| 531 | 503 | 492 | 496 | 479 | 514 | 551 | 586 | †606 | 518 | 538 | 592 | 593 | 638 | 565 | 526 | 528 | 555 | 536 | 527 | 577 | 521 | 538 | 15 |
| 539 | 546 | 541 | 531 | 542 | 540 | * | * | †553 | 554 | 555 | 558 | 572 | 582 | 577 | 576 | 569 | 551 | 543 | 558 | 534 | 544 | 541 | 16 |
| 522 | 517 | 526 | 496 | 507 | 523 | 537 | 560 | 519 | 498 | 534 | 503 | 570 | 517 | 525 | 508 | 496 | 493 | 487 | 488 | 475 | 479 | 448 | 17 |
| 441 | 436 | 441 | 433 | 432 | 461 | 474 | 478 | 481 | 492 | 488 | 510 | 528 | 552 | 552 | 526 | 503 | 495 | 483 | 487 | 464 | 457 | 464 | 18 |
| 440 | 467 | 470 | 481 | 464 | 485 | 497 | 462 | 450 | 464 | 466 | 460 | 474 | 486 | 491 | 489 | 515 | 497 | 483 | 483 | 460 | 448 | 442 | 19 |
| 433 | 452 | 428 | 430 | 422 | 455 | 464 | 492 | 491 | 436 | 433 | 461 | 444 | 453 | 445 | 445 | 450 | 440 | 443 | 433 | 440 | 444 | 450 | 20 |
| 448 | 447 | 464 | 470 | 454 | 478 | 484 | 450 | 425 | 432 | 429 | 470 | 467 | 501 | 479 | 500 | 496 | 455 | 457 | 447 | 452 | 469 | 466 | 21 |
| 445 | 447 | 446 | 433 | 428 | 458 | 472 | 484 | 522 | 537 | 510 | 515 | 522 | 505 | 497 | 509 | 512 | 496 | 470 | 472 | 464 | 450 | 481 | 22 |
| 469 | 481 | 477 | 439 | 432 | 421 | 427 | 462 | 459 | 466 | 481 | 467 | 469 | 468 | 492 | 489 | 482 | 471 | 469 | 474 | 453 | 441 | 422 | 23 |
| 417 | 411 | 422 | 434 | 419 | 418 | 429 | 407 | 378 | 401 | 428 | 434 | 443 | 445 | 427 | 450 | 457 | 454 | 450 | 426 | 411 | 410 | 420 | 24 |
| 429 | 439 | 447 | 453 | 449 | 472 | 471 | 480 | 491 | 505 | 511 | 514 | 533 | 510 | 516 | 497 | 503 | 509 | 493 | 493 | 500 | 491 | 484 | 25 |
| 452 | 456 | 450 | 450 | 458 | 475 | 487 | 497 | 510 | 499 | 550 | 524 | 499 | 492 | 508 | 508 | 512 | 504 | 465 | 480 | 479 | 453 | 456 | 26 |
| 439 | 421 | 436 | 427 | 400 | 429 | 475 | 497 | 515 | 510 | †529 | 513 | 514 | 501 | 507 | 493 | 499 | 507 | 480 | 474 | 472 | 463 | 467 | 27 |
| 452 | 434 | 443 | 431 | 405 | 427 | 464 | 492 | 500 | 543 | 542 | 550 | 598 | 581 | 523 | 562 | 564 | 557 | 489 | 497 | 494 | 484 | 477 | 28 |
| 466 | 453 | 439 | 442 | 438 | 452 | 489 | 523 | 521 | 579 | 545 | 588 | 553 | 571 | 530 | 564 | 558 | 556 | 448 | 455 | 469 | 441 | 458 | 29 |
| 450 | 483 | 488 | 492 | 484 | 498 | 513 | 498 | 503 | 481 | 501 | 547 | 543 | 541 | 530 | 512 | 490 | 480 | 484 | 481 | 469 | 457 | 459 | 30 |
| 487 | 517 | 541 | 531 | 527 | 528 | 532 | 537 | 531 | 539 | 519 | 532 | 528 | 528 | 520 | 496 | 490 | 437 | 471 | 495 | 515 | 535 | 544 | 31 |

Meteorological Office,
116, Victoria Street, Westminster. S. W.

ROBERT H. SCOTT, Secretary.

# ARMAGH OBSERVATORY LAT: 54° 21 N. LONG: 6° 39'

## BAROMETER

| DAYS. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON. | 1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 29.426 | 29.413 | 29.407 | 29.403 | 29.407 | 29.407 | 29.409 | 29.418 | 29.423 | 29.429 | 29.442 | 29.435 | 29. |
| 2 | .486 | .486 | .483 | .481 | .489 | .501 | .516 | .526 | .532 | .537 | .543 | .533 | . |
| 3 | .646 | .638 | .640 | .642 | .645 | .649 | .657 | .658 | .656 | .655 | .647 | .646 | . |
| 4 | .591 | .576 | .566 | .559 | .551 | .549 | .537 | .533 | .530 | .523 | .522 | .508 | . |
| 5 | .426 | .413 | .409 | .397 | .403 | .401 | .394 | .395 | .397 | .401 | .387 | .386 | . |
| 6 | .328 | .312 | .296 | .296 | .297 | .308 | .326 | .327 | .338 | .345 | .347 | .345 | . |
| 7 | .377 | .353 | .341 | .319 | .314 | .289 | .273 | .265 | .253 | .230 | .227 | .219 | . |
| 8 | .329 | .343 | .353 | .370 | .385 | .395 | .415 | .428 | .439 | .450 | .461 | .466 | . |
| 9 | .671 | .683 | .689 | .705 | .724 | .743 | .763 | .772 | 29.787 | 29.794 | 29.804 | 29.811 | 29. |
| 10 | 29.911 | 29.920 | 29.920 | 29.935 | 29.946 | 29.967 | 29.977 | 29.993 | 30.008 | 30.020 | 30.028 | 30.041 | 30. |
| 11 | 30.087 | 30.081 | 30.074 | 30.073 | 30.075 | 30.081 | 30.085 | 30.092 | .093 | .085 | .097 | .095 | . |
| 12 | .089 | .081 | .069 | .066 | .068 | .072 | .088 | .092 | .090 | .086 | .088 | .076 | . |
| 13 | .068 | .061 | .053 | .051 | .053 | .059 | .064 | .068 | .062 | .052 | .055 | .054 | 30. |
| 14 | 30.039 | 30.030 | 30.020 | 30.016 | 30.017 | 30.020 | 30.018 | 30.028 | 30.024 | 30.021 | 30.010 | 30.001 | 29. |
| 15 | 29.965 | 29.956 | 29.951 | 29.946 | 29.939 | 29.935 | 29.941 | 29.941 | 29.949 | 29.946 | 29.941 | 29.940 | . |
| 16 | .937 | .938 | 29.934 | 29.928 | 29.933 | 29.933 | 29.942 | 29.944 | 29.960 | 29.960 | 29.967 | 29.960 | 29. |
| 17 | 29.993 | 29.999 | 30.003 | 30.005 | 30.007 | 30.011 | 30.024 | 30.041 | 30.051 | 30.059 | 30.062 | 30.063 | 30. |
| 18 | 30.064 | 30.063 | 30.060 | 30.050 | 30.045 | 30.047 | 30.049 | 30.046 | 30.052 | 30.047 | 30.045 | 30.046 | 30. |
| 19 | 29.956 | 29.940 | 29.938 | 29.928 | 29.921 | 29.919 | 29.928 | 29.928 | 29.932 | 29.927 | 29.922 | 29.922 | 29. |
| 20 | .899 | .896 | .892 | .885 | .885 | .890 | .899 | .899 | 29.911 | .919 | .919 | .915 | . |
| 21 | .964 | .972 | .973 | .971 | .974 | .975 | .986 | .990 | 30.000 | .999 | .998 | .991 | . |
| 22 | .977 | .968 | .965 | .959 | .958 | .959 | .966 | .975 | 29.975 | .977 | .980 | .976 | . |
| 23 | .960 | .955 | .944 | .937 | .933 | .934 | .938 | .943 | .943 | .946 | .942 | .932 | . |
| 24 | .932 | .928 | .923 | .914 | .921 | .918 | .926 | .933 | .928 | .921 | .916 | .909 | . |
| 25 | .859 | .852 | .843 | .837 | .825 | .831 | .834 | .831 | .832 | .822 | .822 | .816 | . |
| 26 | .726 | .720 | .712 | .712 | .720 | .720 | .731 | .730 | .734 | .730 | .735 | .745 | . |
| 27 | 29.857 | 29.849 | 29.861 | 29.864 | 29.880 | 29.890 | 29.921 | 29.939 | 29.959 | 29.963 | 29.966 | 29.966 | 29. |
| 28 | 30.058 | 30.060 | 30.060 | 30.069 | 30.076 | 30.077 | 30.079 | 30.087 | 30.096 | 30.092 | 30.084 | 30.078 | 30. |
| 29 | 30.006 | 29.998 | 29.979 | 29.961 | 29.961 | 29.954 | 29.961 | 29.962 | 29.963 | 29.962 | 29.950 | 29.948 | 29. |
| 30 | 29.845 | .836 | .822 | .823 | .817 | .823 | .828 | .830 | .822 | .830 | .811 | .807 | . |
| 31 | 29.800 | 29.794 | 29.793 | 29.788 | 29.797 | 29.798 | 29.808 | 29.817 | 29.820 | 29.811 | 29.801 | 29.813 | 29. |

## DRY BULB THERMOMETER 4 FEET ABOVE GROUND

| DAYS. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 53.9 | 53.8 | 53.3 | 52.9 | 52.2 | 52.6 | 53.7 | 55.5 | 56.3 | 57.7 | 59.5 | 60.0 | 60.2 | 61.8 | 60.6 | 58.4 | 57.9 | 57.8 | 57.0 | 56.1 | 54.9 | 53.1 | 51.5 | 51.2 |
| 2 | 50.8 | 50.7 | 49.2 | 47.9 | 47.1 | 48.6 | 50.9 | 54.0 | 57.6 | 59.7 | 62.0 | 60.4 | 63.1 | 61.0 | 60.9 | 59.4 | 59.3 | 60.9 | 59.6 | 56.9 | 56.9 | 54.8 | 54.1 | 53.0 |
| 3 | 52.9 | 52.7 | 52.9 | 53.0 | 53.1 | 54.1 | 55.0 | 56.0 | 58.4 | 59.7 | 60.6 | 60.0 | 60.6 | 60.3 | 60.9 | 60.9 | 60.6 | 61.3 | 62.1 | 61.9 | 62.0 | 61.0 | 61.1 | 60.8 |
| 4 | 60.3 | 60.0 | 60.0 | 59.9 | 59.9 | 60.0 | 61.0 | 61.8 | 62.1 | 63.4 | 63.7 | 65.9 | 65.6 | 65.0 | 64.9 | 66.9 | 67.0 | 66.3 | 65.1 | 64.1 | 63.0 | 62.0 | 61.7 | 61.6 |
| 5 | 59.1 | 58.0 | 56.7 | 55.9 | 56.4 | 56.8 | 57.2 | 58.9 | 60.1 | 60.2 | 64.3 | 63.7 | 64.2 | 63.8 | 64.3 | 61.9 | 62.2 | 61.3 | 60.9 | 60.0 | 59.2 | 58.1 | 57.4 | 56.7 |
| 6 | 56.5 | 56.2 | 56.2 | 56.1 | 56.5 | 56.5 | 57.6 | 57.4 | 58.8 | 59.9 | 62.2 | 64.0 | 58.8 | 62.1 | 62.6 | 60.4 | 59.4 | 59.1 | 58.7 | 57.5 | 56.3 | 55.4 | 53.9 | 54.0 |
| 7 | 53.0 | 52.2 | 52.1 | 52.7 | 53.0 | 53.3 | 54.4 | 55.4 | 55.5 | 54.5 | 54.9 | 55.4 | 55.9 | 55.9 | 58.1 | 57.4 | 58.4 | 57.1 | 57.0 | 55.2 | 54.5 | 55.0 | 53.9 | 53.9 |
| 8 | 54.2 | 53.4 | 52.2 | 53.5 | 53.1 | 53.1 | 54.9 | 56.9 | 58.2 | 60.4 | 62.3 | 62.7 | 65.7 | 64.3 | 64.9 | 62.3 | 60.9 | 61.0 | 60.7 | 57.7 | 55.8 | 54.4 | 53.2 | 52.1 |
| 9 | 51.9 | 51.0 | 50.6 | 50.0 | 49.9 | 50.4 | 52.0 | 54.7 | 57.2 | 60.0 | †61.7 | 62.0 | 63.9 | 65.1 | 65.5 | 65.9 | 66.1 | 65.8 | 65.2 | 62.9 | 62.4 | 62.6 | 62.1 | 62.7 |
| 10 | 62.7 | 62.4 | 62.5 | 62.1 | 62.5 | 62.9 | 63.5 | 63.9 | 65.7 | 66.2 | 67.4 | 68.0 | 70.2 | 73.0 | 71.0 | 70.8 | 71.0 | 70.5 | 69.2 | 68.3 | 67.7 | 67.0 | 67.0 | 66.0 |
| 11 | 65.4 | 65.0 | 64.5 | 64.0 | 63.9 | 64.0 | 64.9 | 66.7 | 67.4 | 69.4 | 71.9 | 72.5 | 72.6 | 72.9 | 74.0 | 72.4 | 72.5 | 71.0 | 70.3 | 67.7 | 65.2 | 64.0 | * | * |
| 12 | ---- | ---- | ---- | ---- | * | ---- | ---- | ---- | ---- | †68.5 | 69.6 | 70.8 | 72.0 | 71.2 | 72.5 | 72.5 | 72.8 | 70.8 | 68.6 | 65.6 | 63.7 | 63.3 | 61.0 | 59.8 |
| 13 | 59.0 | 58.3 | 59.0 | 58.8 | 58.7 | 58.0 | 60.1 | 62.4 | 65.0 | 67.2 | 69.0 | 69.1 | 70.0 | 70.8 | 71.0 | 70.9 | 70.1 | 69.9 | 68.4 | 65.9 | 63.7 | 62.1 | 61.0 | 60.7 |
| 14 | 59.5 | 58.5 | 57.8 | 57.6 | 57.0 | 57.0 | 57.4 | 60.7 | 64.0 | 67.2 | 69.3 | 71.0 | 72.0 | 72.0 | 71.8 | 72.9 | 72.1 | 71.5 | 69.3 | 67.2 | 65.6 | 63.7 | 61.7 | 61.0 |
| 15 | 60.0 | 59.0 | 58.2 | 57.5 | 57.0 | 56.2 | 57.0 | 59.4 | 63.9 | 67.0 | 69.3 | 72.0 | 72.4 | 74.3 | 72.0 | 72.0 | 70.0 | 69.7 | 68.6 | 65.9 | 63.5 | 63.0 | 60.0 | 59.1 |
| 16 | 58.9 | 58.9 | 58.9 | 58.5 | 57.9 | 57.2 | 58.0 | 59.3 | 61.5 | 63.0 | 63.4 | 62.9 | 62.9 | 62.4 | 63.1 | 64.0 | 64.0 | 62.7 | 61.9 | 61.3 | 60.7 | 59.7 | 59.0 | 59.2 |
| 17 | 59.0 | 59.0 | 58.9 | 59.0 | 58.9 | 58.5 | 58.4 | 58.2 | 58.4 | 58.7 | 59.0 | 59.6 | 60.7 | 61.1 | 61.4 | 61.0 | 60.9 | 60.4 | 60.1 | 59.9 | 59.6 | 59.2 | 59.0 | 59.0 |
| 18 | 58.9 | 58.5 | 58.0 | 57.9 | 57.4 | 57.0 | 56.9 | 56.9 | 57.5 | 57.9 | 58.5 | 59.0 | 59.0 | 61.3 | 61.1 | 60.1 | 60.0 | 59.2 | 58.9 | 58.0 | 57.7 | 57.4 | 57.0 | 56.9 |
| 19 | 56.7 | 56.3 | 56.2 | 56.0 | 56.0 | 55.9 | 56.3 | 57.7 | 58.8 | 60.0 | 61.4 | 61.0 | 62.1 | 62.7 | 62.6 | 62.8 | 62.7 | 62.3 | 61.9 | 60.3 | 59.5 | 58.8 | 58.5 | 58.0 |
| 20 | 58.0 | 57.7 | 57.6 | 57.6 | 57.3 | 57.3 | 57.9 | 59.4 | 61.6 | 62.6 | 64.5 | 65.0 | 65.6 | 66.3 | 65.6 | 66.0 | 66.0 | 65.2 | 61.7 | 60.6 | 58.8 | 57.2 | 57.0 | 54.2 |
| 21 | 53.5 | 52.4 | 51.7 | 51.0 | 50.4 | 49.6 | 51.0 | 54.2 | 58.0 | 61.2 | 63.4 | 65.0 | 66.3 | 66.8 | 67.1 | 67.0 | 66.7 | 65.3 | 63.7 | 61.0 | 59.0 | 58.8 | 57.7 | 58.0 |
| 22 | 57.9 | 57.9 | 57.7 | 58.0 | 57.7 | 56.3 | 56.5 | 57.7 | 60.0 | 61.9 | 63.8 | 64.0 | 66.1 | 66.1 | 65.4 | 65.0 | 64.7 | 64.0 | 62.7 | 61.9 | 60.4 | 60.9 | 60.9 | * |
| 23 | ---- | ---- | ---- | ---- | * | ---- | ---- | ---- | ---- | †62.5 | 63.5 | 64.0 | 66.3 | 64.9 | 64.2 | 65.2 | 64.6 | 63.4 | 62.2 | 59.6 | 59.5 | 59.9 | 59.1 | 58.7 |
| 24 | 58.7 | 58.5 | 58.3 | 57.7 | 57.0 | 56.3 | 57.0 | 58.6 | 59.0 | 61.0 | 61.0 | 61.3 | 59.4 | 60.9 | 61.0 | 60.4 | 60.4 | 60.5 | 59.5 | 58.8 | 58.4 | 58.1 | 57.9 | 57.8 |
| 25 | 57.9 | 58.0 | 57.9 | 57.8 | 57.6 | 56.9 | 58.0 | 59.0 | 60.1 | 61.0 | 62.9 | 63.8 | 63.5 | 64.0 | 63.3 | 63.1 | 62.4 | 61.6 | 60.6 | 59.9 | 59.1 | 59.1 | 59.5 | 59.4 |
| 26 | 59.0 | 58.4 | 58.7 | 59.0 | 59.6 | 58.9 | 58.9 | 59.2 | 60.0 | 60.9 | 61.7 | 61.0 | 61.7 | 62.7 | 63.0 | 62.9 | 62.6 | 62.2 | 61.7 | 59.9 | 58.4 | 59.0 | 58.2 | 57.0 |
| 27 | 56.2 | 55.2 | 53.8 | 53.5 | 53.1 | 52.3 | 54.0 | 56.2 | 57.9 | 60.2 | 62.5 | 63.5 | 65.8 | 66.2 | 66.8 | 67.0 | 66.3 | 65.9 | 65.0 | 64.0 | 63.4 | 63.0 | 62.3 | 61.5 |
| 28 | 61.3 | 60.9 | 60.8 | 60.5 | 60.7 | 60.8 | 60.6 | 61.9 | 65.4 | 67.5 | 69.1 | 70.9 | 71.0 | 70.4 | 72.0 | 71.9 | 71.2 | 69.0 | 68.0 | 65.7 | 64.2 | 62.9 | 60.4 | 59.2 |
| 29 | 57.3 | 56.7 | 56.5 | 57.0 | 58.0 | 56.9 | 57.4 | 59.8 | 61.6 | 64.0 | 66.7 | 67.7 | 68.0 | 68.4 | 67.9 | 67.8 | 66.0 | 64.7 | 63.0 | 60.0 | 58.2 | 56.4 | 55.2 | 54.9 |
| 30 | 53.1 | 52.0 | 52.4 | 51.0 | 53.0 | 55.0 | 56.2 | 56.9 | 58.9 | 60.0 | 62.9 | 64.8 | 67.0 | 67.0 | 68.9 | 66.8 | 65.9 | 65.9 | 64.0 | 60.0 | 58.0 | 56.7 | 55.9 | 55.6 |
| 31 | 53.3 | 53.0 | 53.0 | 52.1 | 51.4 | 52.9 | 52.0 | 54.6 | 57.4 | 60.7 | 67.9 | 68.6 | 70.0 | 70.7 | 69.3 | 68.0 | 67.0 | 67.2 | 65.9 | 64.0 | 63.2 | 62.8 | 62.0 | 61.8 |

* *Record defective or Instrument out of action* † *Reading of Standard* ‡ *Approximat*

# HOURLY VALUES AUGUST 1880.

## CISTERN 207 FEET ABOVE MEAN SEA LEVEL.

| | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT. | MEANS. | DAYS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | 29.433 | 29.434 | 29.428 | 29.435 | 29.447 | 29.457 | 29.458 | 29.469 | 29.475 | 29.478 | 29.433 | 1 |
| 35 | .551 | .560 | .563 | .559 | .579 | .590 | .612 | .623 | .631 | .640 | 29.546 | 2 |
| 38 | .635 | .625 | .618 | .609 | .601 | .602 | .610 | .606 | .605 | .604 | 29.632 | 3 |
| 06 | .501 | .484 | .469 | .454 | .453 | .462 | .464 | .453 | .451 | .441 | 29.508 | 4 |
| 76 | .379 | .379 | .370 | .371 | .369 | .367 | .366 | .360 | .355 | .342 | 29.384 | 5 |
| 56 | .357 | .364 | .355 | .354 | .365 | .377 | .382 | .386 | .383 | .380 | 29.345 | 6 |
| 13 | .221 | .231 | .236 | .256 | .270 | .299 | .306 | .313 | .323 | .319 | 29.278 | 7 |
| 87 | .502 | .519 | .535 | .557 | .575 | .588 | .617 | .633 | .648 | .666 | 29.485 | 8 |
| 829 | 29.830 | 29.827 | 29.840 | 29.834 | 29.844 | 29.854 | 29.861 | 29.868 | 29.882 | 29.895 | 29.797 | 9 |
| 745 | 30.047 | 30.050 | 30.047 | 30.051 | 30.058 | 30.067 | 30.077 | 30.083 | 30.087 | 30.087 | 30.017 | 10 |
| 84 | .082 | .078 | .078 | .079 | .076 | .078 | .086 | .090 | .086 | .087 | 30.084 | 11 |
| 80 | .076 | .061 | .060 | .053 | .060 | .052 | .064 | .065 | .070 | .069 | 30.073 | 12 |
| 039 | 30.028 | 30.018 | 30.020 | 30.019 | 30.020 | 30.033 | 30.041 | 30.033 | 30.035 | 30.043 | 30.045 | 13 |
| 983 | 29.974 | 29.961 | 29.949 | 29.946 | 29.949 | 29.965 | 29.977 | 29.979 | 29.983 | 29.978 | 29.995 | 14 |
| 926 | .923 | .921 | .915 | .919 | .926 | .927 | .936 | .940 | .948 | .939 | 29.938 | 15 |
| 953 | 29.955 | 29.940 | 29.947 | 29.949 | 29.952 | 29.957 | 29.966 | 29.978 | 29.981 | 29.995 | 29.953 | 16 |
| 057 | 30.062 | 30.053 | 30.050 | 30.046 | 30.042 | 30.054 | 30.060 | 30.061 | 30.069 | 30.065 | 30.042 | 17 |
| 015 | 30.011 | 29.989 | 29.981 | 29.973 | 29.968 | 29.978 | 29.982 | 29.990 | 29.993 | 29.978 | 30.021 | 18 |
| 909 | 29.908 | .896 | .890 | .890 | .897 | .898 | .902 | .899 | .904 | .899 | 29.915 | 19 |
| 911 | .923 | .916 | .915 | .906 | .913 | .925 | .943 | .953 | .961 | .967 | 29.915 | 20 |
| 971 | .967 | .961 | .955 | .955 | .959 | .962 | .969 | .969 | .981 | .981 | 29.975 | 21 |
| 966 | .957 | .955 | .951 | .945 | .951 | .957 | .967 | .965 | .964 | .963 | 29.964 | 22 |
| 23 | .920 | .914 | .912 | .912 | .917 | .919 | .924 | .923 | .927 | .932 | 29.932 | 23 |
| 903 | .901 | .891 | .882 | .876 | .879 | .885 | .879 | .883 | .879 | .868 | 29.905 | 24 |
| 195 | .794 | .780 | .777 | .770 | .772 | .767 | .766 | .756 | .748 | .739 | 29.803 | 25 |
| 753 | .764 | .759 | 29.763 | 29.776 | 29.788 | 29.803 | 29.827 | 29.833 | 29.841 | 29.843 | 29.759 | 26 |
| 978 | 29.985 | 29.985 | 30.000 | 30.003 | 30.009 | 30.027 | 30.044 | 30.052 | 30.054 | 30.052 | 29.961 | 27 |
| 957 | 30.043 | 30.031 | 30.024 | 30.027 | 30.019 | 30.032 | 30.029 | 30.020 | 30.024 | 30.018 | 30.054 | 28 |
| 908 | 29.895 | 29.886 | 29.876 | 29.863 | 29.868 | 29.874 | 29.872 | 29.868 | 29.857 | 29.852 | 29.923 | 29 |
| 789 | .780 | .782 | .782 | .783 | .797 | .810 | .810 | .814 | .800 | .798 | 29.810 | 30 |
| 796 | 29.777 | 29.784 | 29.785 | 29.772 | 29.787 | 29.797 | 29.791 | 29.796 | 29.797 | 29.786 | 29.796 | 31 |

# WET BULB THERMOMETER 4 FEET ABOVE GROUND.

| 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT. | MEANS | DAYS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 52.6 | 52.4 | 52.0 | 51.4 | 51.6 | 52.4 | 54.0 | 54.2 | 55.5 | 56.1 | 56.9 | 56.1 | 56.5 | 55.3 | 56.3 | 55.5 | 55.8 | 55.4 | 54.4 | 52.3 | 51.2 | 50.1 | 50.0 | 53.8 | 1 |
| 49.8 | 48.3 | 46.9 | 46.3 | 47.3 | 49.7 | 52.0 | 53.9 | 55.0 | 56.0 | 55.5 | 57.0 | 58.5 | 57.4 | 56.8 | 57.0 | 58.0 | 57.0 | 55.2 | 54.4 | 53.4 | 52.7 | 51.8 | 53.3 | 2 |
| 51.6 | 51.9 | 52.0 | 52.4 | 53.3 | 54.1 | 54.9 | 56.5 | 57.0 | 57.7 | 57.6 | 58.0 | 58.5 | 58.6 | 59.0 | 59.2 | 59.8 | 60.4 | 60.6 | 60.7 | 60.2 | 60.0 | 59.7 | 56.9 | 3 |
| 59.0 | 58.9 | 58.7 | 58.5 | 58.7 | 59.0 | 59.1 | 59.5 | 60.0 | 60.5 | 61.7 | 61.3 | 61.4 | 61.0 | 62.0 | 62.4 | 62.1 | 62.1 | 60.8 | 60.0 | 60.0 | 60.0 | 59.5 | 60.2 | 4 |
| 56.9 | 55.8 | 55.0 | 55.2 | 55.4 | 55.5 | 56.9 | 57.2 | 58.3 | 59.9 | 60.0 | 59.2 | 59.3 | 59.0 | 58.4 | 58.0 | 58.1 | 57.8 | 57.0 | 56.2 | 56.0 | 55.2 | 55.1 | 57.2 | 5 |
| 55.0 | 55.0 | 55.0 | 55.5 | 55.5 | 56.0 | 54.8 | 55.0 | 55.0 | 56.3 | 57.5 | 55.6 | 58.4 | 56.4 | 56.1 | 56.4 | 55.9 | 55.8 | 55.3 | 54.6 | 54.0 | 52.3 | 52.4 | 55.4 | 6 |
| 51.1 | 51.0 | 51.2 | 52.0 | 52.0 | 52.7 | 53.8 | 54.0 | 53.8 | 54.3 | 54.7 | 54.9 | 54.8 | 57.0 | 55.8 | 55.2 | 55.0 | 55.0 | 53.3 | 53.1 | 53.9 | 52.6 | 53.0 | 53.6 | 7 |
| 52.8 | 51.3 | 52.7 | 52.3 | 52.4 | 53.4 | 54.9 | 55.4 | 56.5 | 57.0 | 57.6 | 59.0 | 58.5 | 59.1 | 57.0 | 57.1 | 57.1 | 56.5 | 55.0 | 54.0 | 53.0 | 52.0 | 51.0 | 55.0 | 8 |
| 50.0 | 49.5 | 48.9 | 48.9 | 49.0 | 50.9 | 53.0 | 54.3 | 54.7 | 55.3 | 55.9 | 57.0 | 57.4 | 58.0 | 58.1 | 58.0 | 58.9 | 58.9 | 58.7 | 58.9 | 59.1 | 59.2 | 60.1 | 55.1 | 9 |
| 60.7 | 61.1 | 61.2 | 61.4 | 61.8 | 62.2 | 62.8 | 63.9 | 64.3 | 64.9 | 65.5 | 67.0 | 68.3 | 67.3 | 67.0 | 67.2 | 66.9 | 66.2 | 66.0 | 65.5 | 65.1 | 65.0 | 64.7 | 64.4 | 10 |
| 64.0 | 63.6 | 63.3 | 63.0 | 63.2 | 63.8 | 64.9 | 65.6 | 66.9 | 67.9 | 68.0 | ※ | †67.8 | 68.4 | 67.5 | 67.2 | 66.2 | 66.6 | 65.3 | 64.0 | 62.9 | 62.0 | 61.0 | 65.2 | 11 |
| 60.6 | 60.5 | 58.2 | 58.0 | 58.1 | 60.7 | 62.4 | 63.5 | 64.6 | 64.4 | 65.6 | 65.8 | 65.9 | 65.7 | 66.0 | 63.0 | 62.9 | 62.8 | 62.0 | 60.7 | 60.2 | 59.0 | 58.2 | 62.1 | 12 |
| 57.3 | 58.0 | 57.5 | 57.1 | 56.9 | 58.5 | 59.9 | 62.2 | 61.9 | 63.6 | 63.2 | 64.2 | 64.9 | 64.7 | 64.5 | 63.9 | 64.2 | 64.0 | 62.6 | 61.3 | 60.2 | 59.9 | 59.4 | 61.2 | 13 |
| 57.5 | 57.0 | 56.8 | 56.2 | 56.3 | 57.0 | 59.9 | 62.0 | 62.4 | 64.5 | 64.6 | 65.5 | 64.5 | 65.3 | 65.0 | 65.0 | 65.0 | 64.9 | 64.3 | 62.9 | 61.9 | 60.2 | 59.9 | 61.6 | 14 |
| 57.5 | 57.0 | 56.3 | 56.0 | 55.1 | 56.0 | 58.6 | 61.5 | 63.5 | 65.3 | 66.9 | 66.6 | 66.0 | 66.9 | 66.5 | 65.1 | 64.9 | 64.0 | 62.7 | 61.2 | 60.8 | 58.9 | 58.2 | 61.4 | 15 |
| 57.9 | 58.0 | 57.5 | 56.9 | 56.2 | 56.9 | 57.2 | 58.9 | 60.0 | 60.0 | 60.0 | 59.9 | 59.5 | 59.9 | 60.1 | 59.1 | 59.0 | 58.4 | 58.7 | 58.7 | 58.2 | 58.0 | 58.0 | 58.5 | 16 |
| 57.9 | 57.7 | 57.4 | 57.3 | 56.9 | 56.8 | 56.8 | 56.1 | 56.0 | 55.9 | 56.4 | 57.1 | 56.9 | 57.3 | 57.4 | 57.2 | 57.0 | 57.9 | 57.7 | 57.6 | 57.4 | 57.0 | 56.9 | 57.1 | 17 |
| 56.2 | 56.0 | 55.7 | 55.0 | 54.7 | 54.7 | 54.6 | 55.2 | 55.8 | 56.0 | 56.3 | 56.5 | 57.9 | 57.4 | 57.3 | 57.0 | 56.4 | 56.0 | 55.5 | 55.3 | 55.4 | 55.1 | 55.0 | 55.9 | 18 |
| 55.0 | 55.0 | 55.0 | 54.7 | 54.7 | 55.0 | 55.8 | 56.7 | 57.5 | 58.2 | 57.9 | 58.4 | 58.4 | 58.3 | 58.0 | 58.1 | 58.6 | 58.0 | 57.0 | 56.0 | 55.1 | 55.0 | 55.7 | 56.6 | 19 |
| 55.6 | 55.4 | 54.9 | 54.4 | 54.4 | 55.0 | 55.9 | 57.1 | 58.2 | 58.9 | 58.0 | 58.9 | 60.0 | 60.1 | 59.3 | 60.2 | 60.7 | 58.9 | 57.9 | 56.5 | 55.6 | 55.0 | 53.0 | 57.1 | 20 |
| 51.0 | 50.1 | 49.8 | 49.1 | 48.2 | 49.9 | 52.9 | 56.5 | 58.4 | 59.7 | 60.3 | 61.0 | 61.5 | 61.6 | 61.7 | 61.6 | 61.9 | 60.8 | 59.1 | 57.2 | 57.1 | 56.5 | 56.9 | 56.5 | 21 |
| 57.0 | 56.9 | 57.0 | 56.0 | 54.9 | 54.3 | 54.9 | 55.8 | 57.4 | 58.9 | 59.5 | 60.3 | 60.1 | 59.9 | 60.0 | 59.2 | 58.3 | 58.4 | 58.0 | 57.8 | 57.5 | 57.0 | 56.9 | 57.6 | 22 |
| 56.7 | 56.9 | 56.8 | 56.6 | 56.7 | 57.1 | 57.3 | 58.4 | 58.9 | 59.9 | 60.4 | 61.0 | 60.5 | 60.5 | 60.0 | 59.4 | 59.0 | 58.2 | 56.6 | 56.9 | 57.1 | 57.0 | 57.0 | 58.2 | 23 |
| 56.4 | 55.8 | 55.2 | 54.7 | 54.1 | 55.0 | 55.3 | 55.3 | 56.5 | 56.4 | 57.5 | 56.4 | 57.1 | 57.0 | 57.0 | 57.4 | 56.9 | 56.0 | 55.9 | 55.9 | 55.8 | 55.8 | 55.9 | 56.1 | 24 |
| 56.4 | 56.0 | 56.0 | 56.0 | 55.7 | 56.5 | 57.0 | 56.9 | 57.0 | 57.2 | 57.9 | 57.1 | 57.9 | 57.6 | 56.8 | 57.9 | 57.0 | 56.7 | 56.0 | 55.9 | 56.0 | 56.3 | 56.8 | 56.7 | 25 |
| 57.3 | 57.5 | 57.9 | 58.0 | 57.4 | 57.0 | 57.5 | 57.9 | 58.3 | 58.9 | 58.3 | 58.7 | 59.4 | 59.8 | 59.6 | 59.3 | 59.1 | 58.8 | 58.0 | 57.0 | 57.3 | 57.0 | 55.9 | 58.0 | 26 |
| 54.1 | 52.9 | 52.6 | 52.3 | 51.3 | 53.0 | 55.0 | 56.7 | 58.4 | 59.5 | 60.8 | 61.9 | 62.2 | 62.9 | 63.0 | 64.0 | 63.5 | 63.0 | 62.1 | 61.9 | 61.3 | 61.0 | 60.4 | 58.7 | 27 |
| 60.0 | 59.9 | 59.7 | 59.8 | 59.9 | 59.9 | 61.0 | 63.7 | 64.2 | 64.9 | 66.0 | 65.2 | 64.6 | 63.9 | 63.3 | 64.0 | 64.2 | 64.0 | 62.0 | 61.0 | 60.1 | 59.0 | 58.0 | 62.0 | 28 |
| 55.4 | 55.5 | 56.0 | 57.0 | 56.1 | 56.7 | 58.2 | 59.0 | 59.5 | 60.8 | 61.3 | 61.9 | 61.7 | 61.8 | 60.1 | 59.1 | 57.9 | 57.3 | 56.3 | 55.7 | 54.3 | 53.9 | 53.1 | 57.7 | 29 |
| 50.9 | 51.2 | 50.0 | 52.7 | 54.4 | 55.2 | 55.8 | 57.0 | 58.0 | 59.6 | 60.3 | 61.5 | 62.0 | 63.0 | 62.0 | 61.3 | 61.1 | 59.0 | 57.0 | 55.9 | 54.9 | 54.1 | 53.5 | 56.8 | 30 |
| 51.9 | 52.0 | 51.0 | 50.3 | 51.9 | 51.0 | 53.5 | 56.4 | 58.9 | 61.7 | 61.8 | 62.0 | 62.6 | 61.9 | 62.0 | 61.5 | 62.0 | 61.9 | 60.2 | 59.6 | 59.4 | 59.4 | 59.2 | 57.7 | 31 |

Meteorological Office,
116, Victoria Street, Westminster. S.W.
ROBERT H. SCOTT. Secretary.

1754

Digitized by the Internet Archive
in 2026

https://archive.org/details/hourly-means_1880-08

# ARMAGH OBSERVATORY LAT: 54° 21′ N. LONG: 6° 39′ W.

## WIND

DIRECTION IN NUMBERS { 8 = E. 24 = W. / 16 = S. 32 = N. }

| DAYS | 1 | | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | | 10 | | 11 | | NOON | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D |
| 1 | 18 | 4 | 18 | 3 | 18 | 4.5 | 18 | 2 | 18 | 4 | 18 | 3 | 18 | 3 | 18 | 1.5 | 18 | 2 | 18 | 2 | 18 | 5.5 | 21 | 3 | 22 |
| 2 | 4 | 1.5 | 4 | 2 | 4 | 2 | 4 | 3 | 4 | 3 | 4 | 4.5 | 22 | 4 | 23 | 4.5 | 27 | 5.5 | 28 | 5.5 | 28 | 5.5 | 24 | 5.5 | 22 |
| 3 | 19 | 4 | 19 | 4 | 19 | 4 | 19 | 4 | 19 | 4.5 | 19 | 3 | 19 | 4 | 19 | 4 | 19 | 4 | 19 | 4.5 | 20 | 5.5 | 20 | 7.5 | 18 |
| 4 | 20 | 8.5 | 20 | 8.5 | 18 | 7.5 | 19 | 7.5 | 18 | 8.5 | 19 | 7.5 | 18 | 9.5 | 17 | 11 | 17 | 10.5 | 18 | 10.5 | 18 | 13 | 18 | 12 | 18 |
| 5 | 21 | 5.5 | 21 | 4.5 | 21 | 6.5 | 19 | 6.5 | 18 | 5.5 | 18 | 9.5 | 19 | 11 | 19 | 13 | 19 | 12 | 19 | 10.5 | 19 | 15 | 20 | 12 | 20 |
| 6 | 17 | 7.5 | 17 | 8.5 | 17 | 9.5 | 17 | 9.5 | 18 | 8.5 | 19 | 7.5 | 21 | 7.5 | 23 | 7.5 | 21 | 8.5 | 21 | 8.5 | 22 | 9.5 | 21 | 9.5 | 23 |
| 7 | 19 | 6.5 | 18 | 4.5 | 18 | 5.5 | 18 | 5.5 | 18 | 4 | 18 | 5.5 | 18 | 7.5 | 18 | 4 | 18 | 4.5 | 18 | 4.5 | 18 | 3 | 24 | 3 | 25 |
| 8 | 26 | 5.5 | 27 | 6.5 | 26 | 7.5 | 25 | 5.5 | 25 | 6.5 | 24 | 6.5 | 24 | 7.5 | 26 | 6.5 | 24 | 6.5 | 26 | 6.5 | 24 | 9.5 | 27 | 6.5 | 26 |
| 9 | 19 | 4 | 19 | 4 | 19 | 3 | 19 | 3 | 19 | 3 | 19 | 3 | 19 | 4 | 19 | 4 | 19 | 3 | 20 | 4 | 21 | 4 | 17 | 3 | 19 |
| 10 | 20 | 5.5 | 17 | 6.5 | 18 | 6.5 | 18 | 9.5 | 18 | 8.5 | 18 | 8.5 | 19 | 9.5 | 18 | 9.5 | 20 | 8.5 | 20 | 9.5 | 20 | 7.5 | 20 | 5.5 | 20 |
| 11 | 19 | 2 | 19 | 2 | 19 | 2 | 19 | 1.5 | 19 | 1.5 | 19 | 1.5 | 19 | 1.5 | 19 | 2 | 8 | 3 | 8 | 4 | 12 | 6.5 | 11 | 5.5 | 12 |
| 12 | 12 | 2 | 12 | 3 | 12 | 2 | 12 | 2 | 5 | 3 | 5 | 3 | 6 | 2 | 7 | 4 | 8 | 4 | 11 | 5.5 | 10 | 6.5 | 8 | 6.5 | 7 |
| 13 | 2 | 3 | 2 | 3 | 2 | 4 | 3 | 4.5 | 6 | 4 | 6 | 3 | 6 | 2 | 6 | 3 | 5 | 5.5 | 4 | 7.5 | 3 | 9.5 | 2 | 8.5 | 1 |
| 14 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 3 | 3 | 4 | 5 | 5.5 | 4 | 6.5 | 5 | 5.5 | 5 |
| 15 | 13 | 1.5 | 13 | 1.5 | 13 | 2 | 13 | 1.5 | 13 | 1.5 | 13 | 1.5 | 13 | 2 | 9 | 4 | 6 | 4.5 | 5 | 6.5 | 4 | 5.5 | 5 | 5.5 | 8 |
| 16 | 3 | 4.5 | 4 | 4 | 4 | 4 | 4 | 5.5 | 6 | 6.5 | 5 | 4.5 | 4 | 5.5 | 5 | 7.5 | 5 | 5.5 | 6 | 6.5 | 4 | 5.5 | 5 | 6.5 | 7 |
| 17 | 4 | 4.5 | 4 | 6.5 | 5 | 6.5 | 5 | 5.5 | 6 | 6.5 | 5 | 7.5 | 6 | 6.5 | 5 | 6.5 | 5 | 6.5 | 6 | 9.5 | 6 | 11 | 5 | 8.5 | 5 |
| 18 | 6 | 6.5 | 5 | 5.5 | 5 | 5.5 | 5 | 6.5 | 5 | 6.5 | 6 | 6.5 | 5 | 6.5 | 5 | 7.5 | 5 | 7.5 | 6 | 6.5 | 5 | 6.5 | 5 | 3 | 5 |
| 19 | 6 | 1.5 | 6 | 2 | 6 | 1.5 | 6 | 1.5 | 6 | 1.5 | 6 | 2 | 6 | 1.5 | 6 | 1.5 | 6 | 2 | 6 | 2 | 6 | 1.5 | 6 | 2 | 6 |
| 20 | 17 | 2 | 17 | 1.5 | 17 | 2 | 17 | 3 | 17 | 3 | 17 | 3 | 17 | 4 | 17 | 5.5 | 18 | 3 | 20 | 3 | 20 | 2 | 20 | 3 | 24 |
| 21 | 12 | 2 | 12 | 2 | 12 | 2 | 12 | 2 | 12 | 1.5 | 12 | 2 | 12 | 1.5 | 12 | 2 | 7 | 3 | 5 | 4 | 4 | 5.5 | 3 | 4.5 | 4 |
| 22 | 4 | 1.5 | 4 | 1.5 | 4 | 2 | 4 | 3 | 4 | 4 | 4 | 4.5 | 6 | 4.5 | 6 | 6.5 | 6 | 6.5 | 8 | 6.5 | 8 | 6.5 | 6 | 4.5 | 5 |
| 23 | 6 | 1.5 | 6 | 1.5 | 6 | 1.5 | 6 | 1.5 | 6 | 1.5 | 6 | 1.5 | 6 | 1.5 | 6 | 1.5 | 6 | 3 | 6 | 2 | 6 | 4 | 6 | 3 | 8 |
| 24 | 10 | 3 | 10 | 4 | 6 | 4.5 | 7 | 5.5 | 7 | 4 | 7 | 4.5 | 5 | 5.5 | 6 | 5.5 | 6 | 6.5 | 7 | 7.5 | 6 | 9.5 | 8 | 9.5 | 11 |
| 25 | 7 | 4.5 | 8 | 5.5 | 8 | 4.5 | 8 | 4 | 8 | 4.5 | 8 | 4 | 8 | 2 | 8 | 5.5 | 11 | 7.5 | 11 | 8.5 | 10 | 10.5 | 9 | 10.5 | 13 |
| 26 | 11 | 5.5 | 12 | 6.5 | 12 | 7.5 | 10 | 6.5 | 12 | 7.5 | 12 | 11 | 12 | 8.5 | 10 | 6.5 | 11 | 6.5 | 11 | 4.5 | 13 | 7.5 | 10 | 6.5 | 10 |
| 27 | 7 | 2 | 7 | 2 | 7 | 1.5 | 7 | 2 | 7 | 2 | 7 | 2 | 7 | 1.5 | 7 | 1.5 | 7 | 2 | 7 | 2 | 7 | 3 | 7 | 2 | 7 |
| 28 | 12 | 2 | 12 | 2 | 15 | 2 | 15 | 2 | 15 | 2 | 15 | 2 | 15 | 2 | 15 | 2 | 5 | 3 | 5 | 2 | 5 | 3 | 32 | 3 | 5 |
| 29 | 4 | 3 | 4 | 3 | 4 | 3 | 4 | 3 | 10 | 4 | 5 | 4.5 | 5 | 4.5 | 11 | 4 | 9 | 4 | 8 | 5.5 | 10 | 7.5 | 8 | 9.5 | 9 |
| 30 | 11 | 3 | 9 | 2 | 9 | 2 | 5 | 3 | 5 | 3 | 8 | 6.5 | 6 | 3 | 6 | 4 | 6 | 4 | 6 | 3 | 8 | 6.5 | 6 | 6.5 | 12 |
| 31 | 14 | 1.5 | 14 | 1.5 | 14 | 1.5 | 14 | 2 | 14 | 2 | 14 | 1.5 | 14 | 2 | 14 | 1.5 | 14 | 2 | 14 | 2 | 18 | 8.5 | 15 | 9.5 | 17 |

## RAINFALL

RAIN GAUGE { HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 204 FEET.

| DAYS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 2 | . | . | . | . | . | . | . | . | . | . | . | . | . | ·030 | ·010 | ·020 | . | . | . | . | . | . | . | . |
| 3 | . | . | . | . | . | . | . | . | . | . | . | ·005 | ·005 | . | . | . | . | . | . | . | . | . | . | . |
| 4 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | ·015 | ·005 | . |
| 5 | ·160 | ·200 | ·030 | . | . | . | . | . | . | . | . | . | . | . | ·010 | . | . | . | . | . | . | ·010 | . | ·010 |
| 6 | . | ·010 | ·020 | . | . | . | . | . | . | . | . | . | ·030 | . | . | ·060 | . | . | . | . | . | . | . | . |
| 7 | . | . | . | . | . | . | . | . | . | ·125 | ·115 | ·030 | . | . | ·020 | ·020 | . | ·010 | . | . | . | . | . | . |
| 8 | ·040 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 9 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 10 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 11 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 12 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 13 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 14 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 15 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 16 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 17 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 18 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 19 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 20 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 21 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 22 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 23 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 24 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 25 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 26 | . | ·030 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 27 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 28 | . | . | . | . | . | . | . | . | . | ·010 | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 29 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 30 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 31 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |

* *Record defective or Instrument out of action.* † *Obtained from reading of Standard.* ‡ *Approximate*

# HOURLY VALUES AUGUST 1880.

## AND VELOCITY IN MILES PER HOUR.

| 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | | 10 | | 11 | | MIDT. | | DAYS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | | |
| 4 | 27 | 4 | 31 | 3 | 32 | 3 | 3 | 3 | 5 | 5.5 | 4 | 4.5 | 4 | 3 | 4 | 3 | 4 | 3 | 4 | 2 | | 1 |
| 7.5 | 30 | 6.5 | 28 | 4 | 29 | 3 | 25 | 4.5 | 29 | 4 | 29 | 4 | 28 | 4 | 22 | 3 | 24 | 4 | 25 | 3 | | 2 |
| 6.5 | 17 | 8.5 | 18 | 8.5 | 17 | 7.5 | 17 | 7.5 | 17 | 5.5 | 18 | 5.5 | 20 | 6.5 | 20 | 6.5 | 20 | 8.5 | 20 | 8.5 | | 3 |
| 10.5 | 19 | 9.5 | 17 | 11 | 17 | 13 | 17 | 13 | 17 | 13 | 17 | 11 | 18 | 10.5 | 18 | 9.5 | 17 | 11 | 17 | 13 | | 4 |
| 11 | 21 | 12 | 20 | 11 | 21 | 7.5 | 22 | 4.5 | 20 | 4.5 | 18 | 7.5 | 18 | 6.5 | 18 | 6.6 | 18 | 7.5 | 17 | 8.5 | | 5 |
| 6.5 | 23 | 6.5 | 24 | 4 | 22 | 5.5 | 25 | 4.5 | 20 | 6.5 | 23 | 4.5 | 23 | 4. | 21 | 5.5 | 21 | 6.5 | 19 | 6.5 | | 6 |
| 5.5 | 28 | 6.5 | 27 | 8.5 | 28 | 8.5 | 28 | 6.5 | 28 | 5.5 | 28 | 6.5 | 25 | 5.5 | 25 | 5.5 | 23 | 7.5 | 21 | 6.5 | | 7 |
| 7.5 | 27 | 8.5 | 28 | 7.5 | 29 | 4.5 | 27 | 6.5 | 26 | 4.5 | 27 | 4 | 27 | 2 | 27 | 3 | 24 | 4 | 21 | 3 | | 8 |
| 4.5 | 18 | 7.5 | 17 | 9.5 | 18 | 10.5 | 17 | 8.5 | 18 | 5.5 | 16 | 8.5 | 16 | 9.5 | 16 | 7.5 | 17 | 7.5 | 18 | 7.5 | | 9 |
| 8.5 | 20 | 7.5 | 20 | 7.5 | 20 | 5.5 | 20 | 5.5 | 20 | 4.5 | 20 | 4 | 20 | 3 | 19 | 4 | 19 | 4 | 19 | 3 | | 10 |
| 7.5 | 12 | 6.5 | 11 | 6.5 | 11 | 6.5 | 12 | 4 | 12 | 4 | 12 | 4 | 12 | 1.5 | 12 | 3 | 12 | 2 | 12 | 3 | | 11 |
| 6.5 | 11 | 4.5 | 12 | 6.5 | 14 | 7.5 | 10 | 5.5 | 10 | 4.5 | 10 | 3 | 10 | 2 | 8 | 2 | 2 | 1.5 | 2 | 2 | | 12 |
| 4.5 | 4 | 6.5 | 6 | 5.5 | 6 | 6.5 | 6 | 5.5 | 9 | 4.5 | 7 | 4 | 7 | 3 | 2 | 2 | 2 | 4 | 2 | 3 | | 13 |
| 4 | 7 | 3 | 9 | 4 | 9 | 4 | 9 | 3 | 9 | 3 | 9 | 2 | 11 | 3 | 13 | 1.5 | 13 | 2 | 13 | 1.5 | | 14 |
| 4.5 | 8 | 5.5 | 10 | 5.5 | 9 | 6.5 | 10 | 4.5 | 11 | 4.5 | 11 | 4.5 | 11 | 3 | 11 | 4 | 11 | 2 | 5 | 3 | | 15 |
| 6.5 | 4 | 4.5 | 4 | 7.5 | 5 | 8.5 | 5 | 7.5 | 6 | 5.5 | 5 | 4.5 | 5 | 4 | 5 | 5.5 | 5 | 5.5 | 5 | 4.5 | | 16 |
| 9.5 | 6 | 8.5 | 6 | 7.5 | 5 | 7.5 | 5 | 7.5 | 5 | 4.5 | 4 | 4.5 | 4 | 5.5 | 4 | 4 | 4 | 4.5 | 4 | 4.5 | | 17 |
| 6.5 | 6 | 5.5 | 4 | 6.5 | 5 | 5.5 | 5 | 5.5 | 6 | 5.5 | 6 | 4 | 6 | 4 | 6 | 2 | 6 | 2 | 6 | 1.5 | | 18 |
| 1.5 | 15 | 4 | 16 | 3 | 16 | 2 | 16 | 2 | 16 | 3 | 17 | 4 | 17 | 4 | 17 | 3 | 17 | 4 | 17 | 2 | | 19 |
| 2 | 18 | 2 | 18 | 1.5 | 18 | 2 | 18 | 1.5 | 18 | 1.5 | 18 | 1.5 | 12 | 2 | 12 | 2 | 12 | 2 | 12 | 2 | | 20 |
| 4.5 | 4 | 4 | 4 | 4.5 | 3 | 5.5 | 3 | 4 | 4 | 4.5 | 4 | 3 | 4 | 4 | 4 | 3 | 4 | 3 | 4 | 2 | | 21 |
| 5.5 | 5 | 5.5 | 8 | 6.5 | 7 | 4.5 | 5 | 4.5 | 6 | 3 | 6 | 3 | 6 | 3 | 6 | 2 | 6 | 4 | 6 | 2 | | 22 |
| 4.5 | 6 | 4 | 11 | 6.5 | 11 | 6.5 | 9 | 4 | 10 | 4 | 10 | 3 | 10 | 2 | 10 | 2 | 10 | 2 | 10 | 2 | | 23 |
| 4.5 | 10 | 6.5 | 9 | 3 | 9 | 3 | 8 | 4 | 7 | 4 | 7 | 3 | 6 | 4.5 | 6 | 4.5 | 6 | 3 | 7 | 4.5 | | 24 |
| 9.5 | 10 | 8.5 | 9 | 7.5 | 10 | 6.5 | 10 | 5.5 | 10 | 5.5 | 9 | 5.5 | 9 | 6.5 | 11 | 5.5 | 12 | 4.5 | 13 | 4.5 | | 25 |
| 4.5 | 10 | 4 | 7 | 5.5 | 8 | 5.5 | 9 | 4.5 | 9 | 4 | 9 | 2 | 9 | 2 | 9 | 1.5 | 7 | 2 | 7 | 1.5 | | 26 |
| 2 | 7 | 1.5 | 7 | 1.5 | 7 | 1.5 | 7 | 1.5 | 7 | 2. | 12 | 3 | 12 | 2 | 12 | 3 | 12 | 2 | 12 | 2 | | 27 |
| 4 | 8 | 4 | 11 | 3 | 8 | 4.5 | 8 | 5.5 | 12 | 4.5 | 12 | 4 | 12 | 2 | 12 | 2 | 12 | 3 | 4 | 3 | | 28 |
| 8.5 | 12 | 8.5 | 12 | 9.5 | 10 | 8.5 | 9 | 7.5 | 11 | 2 | 11 | 2 | 18 | 2 | 18 | 2 | 18 | 3 | 10 | 3 | | 29 |
| 4.5 | 11 | 5.5 | 10 | 6.5 | 8 | 5.5 | 12 | 4.5 | 14 | 4.5 | 14 | 3 | 14 | 1.5 | 14 | 2 | 14 | 1.5 | 14 | 2 | | 30 |
| 10.5 | 16 | 10.5 | 16 | 11 | 14 | 9.5 | 15 | 9.5 | 15 | 7.5 | 16 | 8.5 | 16 | 12 | 17 | 14 | 17 | 10.5 | 18 | 10.5 | | 31 |

# VAPOUR TENSION

## IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

| 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT | DAYS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ·380 | ·382 | ·375 | ·369 | ·369 | ·376 | ·397 | ·393 | ·411 | ·404 | ·420 | ·396 | ·388 | ·370 | ·424 | ·408 | ·418 | ·417 | ·401 | ·358 | ·351 | ·345 | ·348 | 1 |
| ·347 | ·327 | ·308 | ·305 | ·310 | ·342 | ·360 | ·369 | ·372 | ·372 | ·378 | ·386 | ·455 | ·423 | ·425 | ·432 | ·440 | ·428 | ·412 | ·389 | ·389 | ·379 | ·369 | 2 |
| ·367 | ·372 | ·374 | ·385 | ·396 | ·406 | ·416 | ·430 | ·427 | ·436 | ·441 | ·446 | ·465 | ·459 | ·472 | ·483 | ·492 | ·499 | ·509 | ·510 | ·510 | ·501 | ·496 | 3 |
| ·485 | ·482 | ·477 | ·471 | ·475 | ·470 | ·462 | ·471 | ·469 | ·481 | ·487 | ·480 | ·491 | ·479 | ·480 | ·494 | ·495 | ·512 | ·485 | ·474 | ·487 | ·492 | ·478 | 4 |
| ·448 | ·432 | ·420 | ·419 | ·420 | ·417 | ·435 | ·428 | ·460 | ·454 | ·465 | ·434 | ·442 | ·427 | ·440 | ·424 | ·438 | ·434 | ·428 | ·411 | ·420 | ·406 | ·412 | 5 |
| ·416 | ·416 | ·418 | ·427 | ·427 | ·426 | ·395 | ·383 | ·370 | ·378 | ·390 | ·399 | ·438 | ·376 | ·393 | ·414 | ·403 | ·406 | ·408 | ·404 | ·398 | ·370 | ·371 | 6 |
| ·361 | ·360 | ·356 | ·374 | ·370 | ·375 | ·393 | ·397 | ·405 | ·414 | ·419 | ·417 | ·414 | ·450 | ·423 | ·393 | ·404 | ·405 | ·381 | ·385 | ·400 | ·378 | ·390 | 7 |
| ·391 | ·366 | ·387 | ·382 | ·385 | ·387 | ·403 | ·401 | ·404 | ·395 | ·407 | ·410 | ·413 | ·422 | ·395 | ·414 | ·413 | ·401 | ·397 | ·393 | ·383 | ·371 | ·360 | 8 |
| ·348 | ·341 | ·332 | ·333 | ·330 | ·358 | ·379 | ·383 | ·362 | †·358 | ·370 | ·377 | ·375 | ·386 | ·384 | ·379 | ·405 | ·413 | ·435 | ·448 | ·451 | ·461 | ·481 | 9 |
| ·504 | ·517 | ·526 | ·527 | ·535 | ·540 | ·555 | ·566 | ·572 | ·576 | ·588 | ·610 | ·615 | ·607 | ·599 | ·603 | ·601 | ·593 | ·600 | ·593 | ·589 | ·585 | ·590 | 10 |
| ·580 | ·574 | ·571 | ·562 | ·567 | ·575 | ·587 | ·601 | ·616 | ·615 | ·611 | * | †·595 | ·603 | ·594 | ·582 | ·567 | ·593 | ·585 | ·577 | ·557 | * | * | 11 |
| ..... | ..... | ..... | * | ..... | ..... | ..... | ..... | †·557 | ·525 | ·549 | ·540 | ·554 | ·531 | ·541 | ·445 | ·463 | ·486 | ·502 | ·487 | ·476 | ·470 | ·462 | 12 |
| ·456 | ·467 | ·455 | ·444 | ·448 | ·468 | ·479 | ·517 | ·477 | ·505 | ·491 | ·515 | ·526 | ·516 | ·512 | ·504 | ·516 | ·527 | ·517 | ·506 | ·493 | ·500 | ·488 | 13 |
| ·460 | ·454 | ·451 | ·440 | ·443 | ·459 | ·505 | ·525 | ·526 | ·531 | ·513 | ·531 | ·499 | ·526 | ·503 | ·513 | ·520 | ·545 | ·557 | ·531 | ·527 | ·499 | ·500 | 14 |
| ·452 | ·448 | ·437 | ·434 | ·419 | ·434 | ·481 | ·510 | ·532 | ·559 | ·578 | ·562 | ·518 | ·578 | ·564 | ·545 | ·541 | ·524 | ·521 | ·507 | ·500 | ·482 | ·473 | 15 |
| ·466 | ·469 | ·460 | ·440 | ·437 | ·448 | ·438 | ·460 | ·474 | ·469 | ·475 | ·472 | ·467 | ·470 | ·464 | ·434 | ·447 | ·440 | ·457 | ·465 | ·464 | ·467 | ·464 | 16 |
| ·464 | ·460 | ·448 | ·447 | ·441 | ·439 | ·442 | ·418 | ·411 | ·404 | ·411 | ·417 | ·406 | ·414 | ·422 | ·417 | ·418 | ·449 | ·445 | ·447 | ·445 | ·436 | ·433 | 17 |
| ·420 | ·421 | ·414 | ·400 | ·397 | ·398 | ·395 | ·405 | ·416 | ·414 | ·416 | ·422 | ·432 | ·421 | ·431 | ·423 | ·416 | ·408 | ·407 | ·405 | ·412 | ·408 | ·406 | 18 |
| ·415 | ·416 | ·419 | ·411 | ·412 | ·415 | ·419 | ·430 | ·438 | ·440 | ·436 | ·438 | ·430 | ·428 | ·417 | ·421 | ·440 | ·428 | ·419 | ·401 | ·386 | ·387 | ·413 | 19 |
| ·414 | ·409 | ·395 | ·385 | ·385 | ·394 | ·399 | ·406 | ·425 | ·422 | ·391 | ·408 | ·421 | ·442 | ·414 | ·440 | ·466 | ·457 | ·442 | ·425 | ·420 | ·405 | ·385 | 20 |
| ·355 | ·342 | ·343 | ·333 | ·319 | ·346 | ·382 | ·436 | ·449 | ·460 | ·456 | ·461 | ·470 | ·470 | ·474 | ·475 | ·503 | ·490 | ·473 | ·442 | ·442 | ·440 | ·448 | 21 |
| ·452 | ·452 | ·457 | ·425 | ·412 | ·392 | ·394 | ·390 | ·411 | ·430 | ·446 | ·442 | ·436 | ·439 | ·447 | ·428 | ·411 | ·430 | ·428 | ·441 | ·426 | ·411 | * | 22 |
| ..... | ..... | ..... | * | ..... | ..... | ..... | ..... | †·453 | ·465 | ·473 | ·461 | ·464 | ·474 | ·444 | ·435 | ·438 | ·430 | ·417 | ·427 | ·427 | ·435 | ·441 | 23 |
| ·426 | ·411 | ·403 | ·397 | ·390 | ·405 | ·393 | ·388 | ·397 | ·394 | ·421 | ·414 | ·414 | ·410 | ·418 | ·430 | ·414 | ·401 | ·407 | ·413 | ·414 | ·416 | ·421 | 24 |
| ·433 | ·422 | ·424 | ·426 | ·427 | ·436 | ·436 | ·419 | ·403 | ·393 | ·402 | ·385 | ·400 | ·400 | ·381 | ·419 | ·403 | ·407 | ·396 | ·403 | ·406 | ·410 | ·425 | 25 |
| ·454 | ·457 | ·464 | ·459 | ·450 | ·438 | ·449 | ·450 | ·450 | ·457 | ·448 | ·451 | ·459 | ·468 | ·463 | ·457 | ·456 | ·454 | ·454 | ·445 | ·445 | ·448 | ·431 | 26 |
| ·404 | ·388 | ·384 | ·382 | ·365 | ·388 | ·416 | ·443 | ·463 | ·466 | ·493 | ·496 | ·500 | ·515 | ·515 | ·560 | ·549 | ·544 | ·529 | ·531 | ·516 | ·516 | ·509 | 27 |
| ·506 | ·503 | ·501 | ·501 | ·503 | ·506 | ·522 | ·563 | ·549 | ·547 | ·563 | ·533 | ·523 | ·480 | ·464 | ·492 | ·524 | ·534 | ·500 | ·489 | ·478 | ·479 | ·464 | 28 |
| ·421 | ·427 | ·434 | ·451 | ·439 | ·450 | ·462 | ·462 | ·446 | ·450 | ·454 | ·467 | ·456 | ·465 | ·478 | ·409 | ·392 | ·395 | ·403 | ·410 | ·393 | ·398 | ·379 | 29 |
| ·358 | ·360 | ·348 | ·394 | ·415 | ·422 | ·430 | ·438 | ·453 | ·463 | ·459 | ·468 | ·483 | ·488 | ·486 | ·475 | ·468 | ·431 | ·423 | ·418 | ·406 | ·395 | ·389 | 30 |
| ·371 | ·374 | ·360 | ·351 | ·372 | ·361 | ·403 | ·441 | ·472 | ·462 | ·456 | ·446 | ·456 | ·455 | ·470 | ·468 | ·480 | ·494 | ·467 | ·459 | ·458 | ·468 | ·465 | 31 |

Meteorological Office,
116, Victoria Street, Westminster. S. W.
ROBERT H. SCOTT, Secretary.

1754

# GLASGOW OBSERVATORY LAT: 55° 53′ N. LONG: 4° 18′

## BAROMETER

| DAYS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 29.413 | 29.408 | 29.401 | 29.396 | 29.404 | 29.407 | 29.408 | 29.400 | 29.403 | 29.408 | 29.405 | 29.397 | 29 |
| 2 | ·414 | ·408 | ·409 | ·405 | ·410 | ·413 | ·422 | ·436 | ·437 | ·455 | ·449 | ·454 | |
| 3 | ·567 | ·564 | ·568 | ·572 | ·577 | ·592 | ·595 | ·603 | ·605 | ·618 | ·614 | ·614 | |
| 4 | ·578 | ·565 | ·552 | ·543 | ·533 | ·538 | ·537 | ·531 | ·533 | ·535 | ·528 | ·521 | |
| 5 | ·448 | ·423 | ·415 | ·403 | ·399 | ·382 | ·370 | ·369 | ·377 | ·379 | ·376 | ·364 | |
| 6 | ·322 | ·316 | ·298 | ·296 | ·295 | ·293 | ·300 | ·298 | ·298 | ·306 | ·306 | ·313 | |
| 7 | ·321 | ·309 | ·299 | ·293 | ·275 | ·275 | ·266 | ·257 | ·242 | ·231 | ·225 | ·208 | |
| 8 | ·282 | ·225 | ·236 | ·240 | ·262 | ·274 | ·285 | ·300 | ·316 | ·335 | ·350 | ·364 | |
| 9 | ·599 | ·608 | ·617 | ·632 | ·655 | ·678 | ·692 | ·717 | ·719 | ·744 | 29.760 | 29.765 | 29. |
| 10 | 29.892 | 29.896 | 29.897 | 29.903 | 29.914 | 29.935 | 29.948 | 29.965 | 29.974 | 29.990 | 30.005 | 30.012 | 30. |
| 11 | 30.085 | 30.092 | 30.084 | 30.084 | 30.085 | 30.093 | 30.105 | 30.115 | 30.112 | 30.111 | ·119 | ·111 | |
| 12 | ·130 | ·125 | ·119 | ·121 | ·122 | ·128 | ·137 | ·135 | ·132 | ·115 | ·121 | ·117 | |
| 13 | ·105 | ·101 | ·093 | ·089 | ·093 | ·088 | ·091 | ·094 | ·091 | ·083 | ·080 | ·073 | 30· |
| 14 | 30.062 | 30.054 | 30.042 | 30.036 | 30.034 | 30.035 | 30.036 | 30.040 | 30.035 | 30.032 | 30.019 | 30.005 | 29. |
| 15 | 29.994 | 29.996 | 29.985 | 29.979 | 29.975 | 29.980 | 29.978 | 29.984 | 29.983 | 29.988 | 29.990 | 29.984 | |
| 16 | 29.980 | 29.978 | 29.976 | 29.973 | 29.964 | 29.966 | 29.972 | 29.980 | 29.983 | 29.991 | 29.994 | 29.996 | 29. |
| 17 | 30.049 | 30.053 | 30.051 | 30.049 | 30.053 | 30.059 | 30.068 | 30.083 | 30.085 | 30.094 | 30.096 | 30.098 | 30. |
| 18 | 30.098 | 30.094 | 30.083 | 30.081 | 30.073 | 30.073 | 30.080 | 30.083 | 30.082 | 30.072 | 30.070 | 30.061 | 30. |
| 19 | 29.965 | 29.958 | 29.950 | 29.939 | 29.937 | 29.934 | 29.935 | 29.936 | 29.939 | 29.935 | 29.938 | 29.929 | 29. |
| 20 | 885 | ·885 | ·884 | ·874 | ·876 | ·886 | 29.888 | 29.897 | 29.903 | 29.903 | 29.900 | ·902 | |
| 21 | 29.966 | ·971 | ·979 | ·982 | ·986 | ·997 | 30.003 | 30.012 | 30.001 | 30.004 | 30.004 | ·993 | |
| 22 | 30.003 | ·997 | ·992 | ·990 | ·987 | ·984 | 29.990 | 29.995 | 29.993 | 29.994 | 29.989 | ·982 | |
| 23 | 29.962 | ·957 | ·948 | ·936 | ·936 | ·939 | ·941 | ·945 | ·946 | ·947 | ·937 | ·941 | |
| 24 | ·981 | ·968 | ·964 | ·962 | 958 | ·951 | ·948 | ·953 | ·958 | ·962 | ·955 | ·949 | |
| 25 | ·925 | ·919 | ·916 | ·900 | ·897 | ·902 | ·902 | ·903 | ·903 | ·894 | ·887 | ·878 | |
| 26 | ·819 | ·811 | ·800 | ·793 | ·789 | ·802 | ·803 | ·803 | ·798 | ·802 | ·803 | ·805 | |
| 27 | 29.866 | 29.865 | 29.868 | 29.872 | 29.882 | 29.897 | 29.908 | 29.933 | 29.946 | 29.959 | 29.954 | 29.955 | 29. |
| 28 | 30.054 | 30.062 | 30.070 | 30.083 | 30.087 | 30.094 | 30.098 | 30.101 | 30.102 | 30.099 | 30.099 | 30.088 | 30 |
| 29 | 30.086 | 30.075 | 30.067 | 30.052 | 30.049 | 30.050 | 30.047 | 30.042 | 30.040 | 30.027 | 30.015 | 30.005 | 29. |
| 30 | 29.912 | 29.906 | 29.892 | 29.877 | 29.875 | 29.872 | 29.874 | 29.871 | 29.871 | 29.853 | 29.854 | 29.851 | |
| 31 | 29.869 | 29.865 | 29.860 | 29.861 | 29.870 | 29.872 | 29.877 | 29.880 | 29.885 | 29.870 | 29.857 | 29.841 | 29. |

## DRY BULB THERMOMETER 7 FEET ABOVE GROUND

| DAYS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 48.0 | 46.8 | 45.9 | 44.2 | 44.8 | 44.0 | 49.5 | 53.0 | 56.1 | 57.5 | 60.0 | 61.0 | 62.0 | 58.5 | 61.2 | 61.5 | 61.1 | 58.8 | 56.9 | 55.5 | 52.6 | 51.6 | 50.3 | 50.8 |
| 2 | 51.1 | 49.8 | 49.6 | 50.1 | 50.0 | 51.8 | 55.3 | 55.6 | 56.2 | 57.6 | 58.9 | 61.1 | 60.6 | 60.6 | 59.8 | 62.0 | 62.8 | 62.6 | 59.6 | 57.1 | 54.0 | 54.3 | 51.8 | 50.8 |
| 3 | 50.0 | 48.5 | 47.9 | 48.1 | 47.5 | 48.9 | 53.8 | 57.1 | 59.5 | 59.0 | 61.0 | 61.8 | 61.6 | 59.8 | 60.3 | 59.4 | 57.7 | 56.5 | 56.4 | 56.0 | 56.1 | 56.0 | 56.9 | 55.4 |
| 4 | 55.1 | 55.5 | 55.9 | 55.8 | 56.4 | 56.9 | 57.8 | 59.0 | 60.4 | 61.4 | 61.9 | 62.5 | 63.3 | 65.0 | 65.6 | 64.2 | 64.9 | 63.9 | 63.9 | 62.2 | 61.9 | 61.5 | 58.7 | 57.8 |
| 5 | 58.0 | 58.8 | 58.9 | 58.9 | 59.1 | 58.9 | 59.9 | 60.9 | 58.9 | 60.9 | 63.9 | 62.3 | 65.3 | 64.1 | 64.3 | 63.5 | 60.1 | 61.7 | 60.9 | 59.8 | 59.5 | 58.9 | 58.9 | 58.3 |
| 6 | 57.7 | 57.8 | 56.5 | 56.2 | 56.1 | 56.8 | 57.0 | 57.3 | 56.7 | 58.9 | 61.8 | 63.5 | 64.1 | 63.3 | 61.7 | 60.7 | 62.4 | 61.0 | 59.8 | 56.9 | 54.7 | 53.3 | 52.2 | 51.7 |
| 7 | 51.3 | 51.2 | 52.0 | 51.1 | 51.0 | 52.5 | 54.9 | 58.1 | 56.7 | 60.5 | 60.3 | 56.5 | 59.3 | 60.8 | 61.1 | 60.2 | 60.0 | 59.0 | 57.8 | 56.7 | 55.5 | 54.7 | 54.1 | 53.0 |
| 8 | 53.0 | 52.2 | 52.2 | 52.0 | 52.2 | 53.0 | 56.8 | 59.7 | 60.9 | 62.2 | 61.7 | 61.9 | 61.4 | 62.0 | 62.9 | 62.0 | 62.3 | 59.8 | 58.5 | 56.7 | 55.4 | 54.8 | 54.0 | 54.0 |
| 9 | 54.2 | 53.7 | 52.8 | 51.4 | 50.1 | 53.2 | 55.5 | 58.1 | 60.1 | 59.6 | 60.4 | 63.1 | 61.9 | 61.9 | 65.0 | 63.6 | 65.0 | 63.6 | 60.1 | 57.5 | 54.6 | 54.0 | 54.9 | 55.9 |
| 10 | 56.0 | 57.2 | 56.8 | 57.7 | 58.9 | 59.8 | 60.8 | 61.9 | 62.6 | 64.6 | 65.3 | 66.1 | 67.8 | 70.7 | 70.8 | 68.8 | 68.1 | 68.3 | 67.7 | 66.5 | 65.5 | 64.7 | 64.3 | 63.9 |
| 11 | 62.8 | 62.0 | 61.6 | 61.8 | 61.9 | 61.7 | 61.9 | 62.3 | 65.0 | 69.0 | 70.0 | 72.2 | 73.9 | 74.4 | 73.3 | 74.0 | 73.0 | 71.0 | 71.0 | 68.5 | 66.3 | 64.5 | 64.0 | 63.5 |
| 12 | 63.1 | 63.1 | 63.1 | 62.4 | 60.9 | 60.9 | 63.9 | 67.0 | 67.9 | 68.5 | 71.6 | 72.5 | 73.1 | 74.2 | 74.6 | 74.4 | 75.3 | 73.5 | 69.6 | 65.5 | 62.3 | 60.2 | 59.8 | 58.6 |
| 13 | 58.5 | 57.5 | 57.0 | 55.5 | 54.1 | 54.0 | 54.4 | 55.5 | 65.8 | 67.0 | 68.8 | 69.0 | 70.0 | 70.5 | 70.9 | 71.3 | 70.3 | 69.5 | 66.3 | 62.9 | 60.7 | 58.9 | 58.0 | 56.3 |
| 14 | 56.0 | 56.0 | 55.7 | 55.0 | 55.0 | 54.8 | 54.6 | 56.0 | 57.0 | 60.5 | 66.0 | 68.9 | 71.2 | 73.3 | 75.0 | 76.1 | 75.6 | 74.5 | 69.0 | 62.0 | 57.5 | 56.2 | 57.0 | 56.2 |
| 15 | 56.0 | 55.2 | 55.2 | 55.0 | 55.0 | 54.9 | 54.9 | 55.8 | 57.0 | 57.6 | 60.0 | 60.1 | 61.8 | 63.0 | 62.1 | 61.6 | 60.6 | 59.9 | 59.6 | 59.3 | 58.4 | 58.1 | 57.6 | 57.0 |
| 16 | 56.8 | 56.4 | 55.8 | 55.2 | 55.1 | 56.0 | 56.0 | 56.4 | 56.8 | 57.1 | 58.1 | 59.5 | 60.9 | 61.5 | 60.9 | 61.0 | 60.8 | 59.5 | 59.0 | 58.0 | 57.4 | 56.8 | 56.6 | 56.6 |
| 17 | 56.3 | 55.9 | 55.7 | 55.2 | 55.7 | 55.9 | 56.2 | 56.8 | 57.9 | 59.0 | 59.1 | 59.8 | 59.8 | 60.2 | 61.4 | 62.6 | 63.3 | 61.6 | 59.4 | 58.2 | 57.8 | 57.5 | 57.1 | 56.9 |
| 18 | 56.7 | 56.4 | 56.1 | 55.9 | 54.8 | 54.6 | 54.8 | 55.1 | 56.9 | 57.3 | 58.0 | 59.1 | 60.1 | 60.3 | 60.5 | 61.1 | 59.6 | 58.7 | 58.1 | 57.6 | 56.8 | 56.1 | 56.2 | 56.3 |
| 19 | 56.6 | 55.5 | 55.9 | 55.4 | 55.0 | 55.5 | 56.1 | 56.6 | 56.8 | 58.1 | 58.5 | 59.6 | 62.0 | 62.1 | 64.0 | 62.3 | 61.9 | 60.4 | 59.6 | 58.4 | 56.9 | 55.9 | 53.9 | 55.3 |
| 20 | 55.5 | 55.8 | 55.7 | 55.8 | 55.6 | 55.5 | 56.3 | 57.5 | 60.0 | 62.0 | 63.1 | 64.1 | 64.3 | 66.2 | 66.1 | 66.1 | 65.0 | 64.3 | 61.9 | 58.5 | 56.7 | 55.9 | 55.3 | 54.6 |
| 21 | 52.9 | 51.8 | 51.0 | 50.3 | 50.1 | 50.0 | 51.2 | 51.0 | 56.0 | 58.8 | 65.0 | 68.3 | 69.4 | 70.0 | 70.9 | 69.0 | 68.5 | 67.2 | 65.0 | 61.6 | 59.9 | 58.9 | 57.9 | 56.9 |
| 22 | 56.9 | 56.8 | 56.7 | 54.6 | 54.8 | 54.7 | 55.8 | 57.7 | 59.5 | 61.6 | 63.5 | 65.0 | 65.9 | 66.8 | 66.9 | 66.5 | 65.9 | 65.1 | 63.0 | 61.1 | 59.2 | 58.9 | 58.3 | 58.0 |
| 23 | 58.0 | 58.2 | 58.0 | 58.1 | 56.6 | 57.3 | 58.7 | 59.0 | 60.1 | 62.8 | 63.6 | 62.5 | 61.3 | 63.3 | 64.4 | 64.0 | 64.1 | 62.0 | 60.4 | 57.4 | 56.7 | 57.0 | 56.6 | 56.6 |
| 24 | 56.4 | 56.0 | 55.6 | 55.4 | 55.0 | 55.1 | 56.3 | 57.1 | 58.0 | 58.7 | 59.7 | 59.6 | 60.7 | 59.7 | 60.1 | 59.8 | 59.0 | 58.0 | 57.6 | 57.0 | 56.4 | 56.4 | 55.3 | 55.4 |
| 25 | 55.8 | 55.2 | 54.5 | 54.5 | 54.7 | 54.9 | 55.0 | 55.5 | 57.2 | 58.8 | 59.5 | 58.8 | 60.0 | 59.7 | 60.2 | 59.2 | 60.1 | 58.3 | 57.2 | 56.7 | 56.3 | 56.0 | 55.7 | 55.6 |
| 26 | 55.4 | 55.4 | 55.1 | 54.9 | 54.6 | 53.6 | 54.8 | 57.5 | 57.9 | 58.5 | 58.4 | 59.1 | 60.0 | 61.0 | 61.0 | 60.6 | 61.1 | 59.7 | 59.2 | 58.6 | 58.7 | 58.5 | 58.2 | 58.0 |
| 27 | 57.9 | 57.9 | 58.0 | 57.9 | 57.8 | 57.8 | 58.0 | 59.0 | 61.3 | 62.8 | 64.2 | 67.4 | 68.0 | 67.8 | 68.3 | 68.2 | 67.2 | 65.1 | 63.0 | 61.5 | 60.0 | 59.5 | 58.2 | 58.0 |
| 28 | 56.6 | 54.5 | 52.5 | 52.4 | 50.6 | 50.9 | 52.3 | 53.0 | 56.7 | 61.8 | 67.8 | 69.5 | 71.0 | 72.0 | 71.9 | 70.8 | 69.1 | 67.0 | 64.3 | 60.9 | 59.0 | 58.6 | 57.9 | 57.7 |
| 29 | 57.6 | 57.9 | 57.7 | 57.9 | 58.0 | 58.0 | 58.6 | 59.2 | 60.4 | 61.5 | 64.5 | 65.0 | 67.4 | 69.0 | 68.6 | 69.0 | 67.0 | 65.3 | 61.8 | 59.3 | 58.3 | 57.2 | 56.9 | 56.8 |
| 30 | 55.8 | 55.9 | 56.0 | 56.9 | 58.2 | 58.3 | 59.7 | 61.0 | 63.8 | 65.3 | 67.7 | 69.6 | 71.1 | 69.3 | 73.3 | 72.7 | 71.6 | 70.0 | 66.7 | 61.7 | 59.8 | 58.8 | 57.8 | 57.0 |
| 31 | 56.0 | 55.3 | 55.0 | 55.0 | 55.4 | 55.3 | 56.1 | 58.3 | 60.7 | 63.2 | 65.2 | 68.3 | 68.2 | 72.0 | 72.9 | 73.3 | 72.4 | 70.3 | 65.7 | 61.4 | 60.3 | 59.0 | 60.3 | 55.3 |

* *Record defective or Instrument out of action* † *Reading of Standard* ‡ *Approximate*

# HOURLY VALUES AUGUST 1880.

## CISTERN 184 FEET ABOVE MEAN SEA LEVEL.

| | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT. | MEANS. | DAYS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 398 | 29.389 | 29.393 | 29.389 | 29.391 | 29.399 | 29.406 | 29.408 | 29.417 | 29.411 | 29.415 | 29.402 | 1 |
| 164 | ·465 | ·466 | ·467 | ·483 | ·495 | ·521 | ·523 | ·548 | ·547 | ·559 | 29.463 | 2 |
| 19 | ·622 | ·626 | ·622 | ·629 | ·619 | ·621 | ·621 | ·614 | ·600 | ·583 | 29.603 | 3 |
| 13 | ·508 | ·503 | ·499 | ·495 | ·487 | ·491 | ·480 | ·481 | ·481 | ·477 | 29.578 | 4 |
| 359 | ·350 | ·346 | ·342 | ·337 | ·342 | ·349 | ·347 | ·356 | ·340 | ·334 | 29.370 | 5 |
| 321 | ·316 | ·315 | ·307 | ·316 | ·323 | ·337 | ·339 | ·345 | ·337 | ·337 | 29.314 | 6 |
| 182 | ·174 | ·178 | ·172 | ·177 | ·180 | ·192 | ·195 | ·202 | ·215 | ·228 | 29.229 | 7 |
| 388 | ·402 | ·419 | ·445 | ·463 | ·482 | ·511 | ·529 | ·550 | ·562 | ·589 | 29.381 | 8 |
| 791 | 29.799 | 29.808 | 29.818 | 29.835 | 29.853 | 29.866 | 29.884 | 29.895 | 29.893 | 29.893 | 29.762 | 9 |
| 721 | 30.025 | 30.029 | 30.033 | 30.033 | 30.047 | 30.061 | 30.072 | 30.074 | 30.085 | 30.091 | 29.997 | 10 |
| 104 | ·100 | ·102 | ·097 | ·091 | ·095 | ·108 | ·115 | ·120 | ·128 | ·135 | 30.104 | 11 |
| 105 | ·101 | ·093 | ·079 | ·081 | ·087 | ·101 | ·103 | ·109 | ·116 | ·109 | 30.112 | 12 |
| 056 | 30.060 | 20.053 | 30.055 | 30.052 | 30.060 | 30.068 | 30.070 | 30.070 | ·069 | 30.070 | 30.077 | 13 |
| 977 | 29.966 | 29.951 | 29.945 | 29.944 | 29.952 | 29.972 | 29.984 | 29.994 | 30.000 | 29.998 | 30.005 | 14 |
| 980 | ·971 | ·969 | ·970 | 968 | ·969 | 29.980 | 29.983 | 29.986 | 29.982 | 29.983 | 29.981 | 15 |
| 990 | 29.987 | 29.985 | 29.985 | 29.994 | 29.996 | 30.007 | 30.017 | 30.038 | 30.042 | 30.046 | 29.993 | 16 |
| 097 | 30.092 | 30.082 | 30.075 | 30.071 | 30.084 | 30.086 | 30.092 | 30.093 | 30.099 | 30.100 | 30.080 | 17 |
| 043 | 30.023 | 30.008 | 29.997 | 29.989 | 29.982 | 29.990 | 29.990 | 29.990 | 29.987 | 29.975 | 30.041 | 18 |
| 911 | 29.896 | 29.892 | ·884 | ·881 | ·885 | ·889 | ·891 | ·890 | ·887 | ·884 | 29.917 | 19 |
| 901 | ·898 | ·903 | 899 | ·910 | ·919 | ·934 | ·942 | ·959 | 29.954 | 29.961 | 29.907 | 20 |
| 981 | ·974 | ·974 | ·973 | ·974 | ·978 | ·988 | ·992 | ·999 | 30.000 | 30.000 | 29.988 | 21 |
| 972 | ·963 | ·955 | ·945 | ·943 | ·946 | ·958 | ·962 | ·964 | 29.963 | 29.962 | 29.975 | 22 |
| 937 | ·928 | ·922 | ·921 | ·934 | ·939 | ·947 | ·957 | ·965 | ·972 | ·974 | 29.945 | 23 |
| 953 | ·942 | ·933 | ·930 | ·927 | ·930 | ·937 | ·940 | ·941 | ·932 | ·921 | 29.948 | 24 |
| 864 | ·857 | ·847 | ·837 | ·837 | ·837 | ·835 | ·838 | ·833 | ·823 | ·823 | 29.872 | 25 |
| 806 | ·805 | ·808 | ·801 | ·818 | 29.822 | 29.836 | 29.849 | 29.858 | 29.865 | 29.869 | 29.815 | 26 |
| 964 | 29.969 | 29.971 | 29.988 | 29.995 | 30.003 | 30.023 | 30.033 | 30.040 | 30.045 | 30.051 | 29.956 | 27 |
| 070 | 30.054 | 30.047 | 30.043 | 30.051 | 30.054 | 30.064 | 30.067 | 30.079 | 30.079 | 30.079 | 30.075 | 28 |
| 966 | 29.957 | 29.940 | 29.928 | 29.927 | 29.935 | 29.942 | 29.945 | 29.944 | 29.934 | 29.918 | 29.995 | 29 |
| 826 | ·820 | ·809 | ·810 | ·825 | ·844 | ·858 | ·869 | ·874 | ·878 | ·873 | 29.860 | 30 |
| 825 | 29.809 | 29.797 | 29.799 | 29.811 | 29.806 | 29.826 | 29.824 | 29.832 | 29.818 | 29.821 | 29.842 | 31 |

# WET BULB THERMOMETER

## 7 FEET ABOVE GROUND

| 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT. | MEANS. | DAYS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 45.4 | 44.9 | 43.4 | 43.8 | 43.0 | 47.5 | 50.0 | 51.2 | 51.0 | 53.0 | 53.0 | 53.9 | 52.5 | 53.7 | 53.9 | 53.5 | 52.3 | 51.6 | 50.7 | 49.1 | 48.9 | 48.2 | 48.2 | 49.5 | 1 |
| 47.7 | 48.0 | 48.0 | 48.4 | 49.9 | 52.5 | 52.0 | 52.2 | 52.1 | 51.9 | 53.0 | 54.0 | 54.8 | 55.0 | 55.9 | 55.2 | 54.5 | 54.0 | 53.3 | 51.8 | 51.7 | 50.0 | 49.0 | 51.8 | 2 |
| 47.1 | 46.5 | 47.0 | 46.7 | 47.7 | 51.9 | 53.4 | 54.0 | 52.5 | 55.3 | 53.9 | 55.0 | 54.5 | 54.6 | 54.2 | 54.6 | 53.6 | 53.9 | 53.6 | 53.9 | 54.3 | 54.5 | 54.5 | 52.3 | 3 |
| 55.0 | 55.3 | 55.3 | 55.9 | 56.1 | 57.1 | 58.5 | 59.7 | 59.9 | 60.1 | 60.4 | 59.8 | 60.5 | 60.9 | 60.1 | 60.5 | 60.2 | 60.1 | 59.2 | 59.1 | 59.2 | 57.5 | 57.1 | 58.4 | 4 |
| 58.0 | 58.1 | 58.0 | 58.0 | 58.0 | 58.9 | 59.0 | 57.0 | 57.0 | 59.0 | 58.0 | 60.0 | 58.4 | 58.9 | 58.9 | 58.7 | 58.2 | 57.9 | 57.5 | 57.3 | 56.8 | 56.7 | 56.8 | 58.0 | 5 |
| 56.1 | 55.2 | 55.2 | 54.7 | 55.6 | 55.2 | 55.3 | 55.3 | 56.5 | 57.0 | 58.6 | 57.7 | 55.9 | 56.0 | 55.8 | 56.7 | 55.3 | 56.2 | 53.9 | 53.0 | 52.2 | 51.3 | 50.9 | 55.2 | 6 |
| 50.2 | 51.2 | 50.4 | 50.5 | 51.8 | 53.3 | 55.6 | 54.3 | 55.0 | 55.5 | 53.4 | 55.0 | 54.3 | 56.1 | 55.3 | 55.0 | 55.0 | 53.9 | 53.8 | 53.3 | 52.8 | 52.1 | 51.7 | 53.3 | 7 |
| 51.0 | 51.0 | 50.9 | 51.2 | 51.9 | 54.6 | 56.0 | 56.9 | 56.9 | 56.2 | 56.9 | 56.0 | 56.0 | 56.7 | 55.3 | 56.2 | 55.0 | 54.0 | 53.1 | 52.6 | 52.1 | 51.7 | 52.0 | 54.0 | 8 |
| 51.8 | 50.9 | 50.0 | 49.1 | 51.9 | 53.7 | 54.0 | 55.3 | 54.4 | 53.0 | 54.9 | 53.2 | 54.2 | 57.1 | 55.9 | 56.6 | 56.2 | 54.1 | 52.7 | 52.0 | 52.0 | 52.0 | 52.0 | 53.3 | 9 |
| 53.8 | 54.0 | 54.7 | 57.2 | 58.5 | 59.3 | 60.3 | 60.9 | 62.9 | 63.1 | 63.7 | 64.3 | 66.4 | 66.0 | 64.9 | 64.5 | 65.0 | 64.3 | 63.8 | 63.5 | 63.3 | 63.1 | 63.0 | 61.4 | 10 |
| 61.6 | 61.0 | 61.3 | 61.4 | 61.4 | 61.9 | 62.0 | 64.0 | 65.3 | 65.3 | 66.5 | 67.8 | 68.0 | 67.0 | 67.2 | 67.5 | 67.2 | 66.1 | 64.5 | 62.2 | 61.1 | 60.2 | 60.0 | 63.9 | 11 |
| 60.0 | 60.2 | 60.2 | 54.1 | 59.0 | 60.2 | 61.3 | 62.3 | 61.5 | 64.1 | 64.4 | 63.7 | 62.8 | 62.7 | 62.9 | 64.0 | 62.2 | 62.0 | 60.3 | 58.3 | 57.8 | 57.3 | 56.9 | 61.0 | 12 |
| 56.2 | 56.0 | 54.9 | 53.7 | 53.7 | 54.0 | 55.2 | 59.3 | 60.5 | 60.9 | 60.3 | 61.1 | 61.3 | 61.9 | 62.4 | 61.1 | 61.0 | 60.1 | 58.9 | 57.3 | 56.5 | 56.0 | 55.0 | 58.1 | 13 |
| 55.1 | 54.8 | 54.1 | 54.1 | 54.1 | 54.0 | 55.0 | 55.6 | 57.9 | 60.9 | 63.0 | 64.4 | 64.8 | 64.0 | 64.5 | 65.5 | 65.8 | 64.3 | 59.5 | 56.3 | 55.7 | 56.0 | 55.6 | 58.8 | 14 |
| 54.8 | 54.7 | 54.4 | 54.2 | 54.1 | 54.0 | 54.6 | 55.3 | 56.0 | 57.7 | 57.7 | 58.6 | 59.1 | 58.7 | 58.0 | 57.5 | 56.5 | 56.2 | 56.1 | 55.6 | 55.6 | 55.3 | 55.1 | 56.0 | 15 |
| 54.0 | 53.7 | 53.1 | 53.2 | 54.0 | 54.3 | 55.0 | 55.4 | 56.3 | 55.9 | 56.3 | 57.1 | 57.0 | 57.1 | 57.0 | 57.0 | 56.5 | 56.0 | 55.4 | 54.9 | 54.8 | 54.0 | 53.5 | 55.2 | 16 |
| 53.0 | 53.7 | 54.0 | 53.5 | 53.6 | 53.9 | 53.7 | 53.6 | 54.0 | 54.6 | 54.5 | 55.9 | 55.5 | 56.2 | 56.9 | 57.8 | 56.8 | 56.2 | 56.0 | 55.7 | 55.5 | 55.1 | 55.0 | 54.9 | 17 |
| 54.9 | 54.8 | 54.1 | 53.5 | 53.2 | 53.3 | 53.3 | 54.1 | 53.6 | 53.6 | 54.0 | 54.3 | 54.8 | 54.7 | 55.1 | 54.7 | 54.4 | 54.0 | 54.2 | 54.1 | 53.2 | 53.3 | 53.7 | 54.1 | 18 |
| 53.6 | 53.8 | 52.9 | 53.0 | 53.8 | 53.9 | 53.9 | 54.1 | 54.9 | 54.7 | 55.2 | 56.7 | 57.0 | 57.8 | 56.8 | 56.1 | 55.9 | 55.2 | 54.6 | 53.5 | 53.0 | 52.5 | 53.8 | 54.6 | 19 |
| 54.2 | 54.3 | 54.2 | 54.2 | 54.1 | 54.9 | 55.9 | 56.9 | 57.8 | 57.6 | 58.4 | 58.1 | 58.9 | 59.0 | 58.9 | 58.4 | 59.0 | 58.0 | 56.2 | 55.8 | 55.1 | 54.2 | 52.9 | 56.3 | 20 |
| 50.9 | 50.0 | 49.1 | 49.0 | 48.8 | 49.9 | 49.7 | 54.0 | 55.9 | 59.7 | 59.7 | 59.7 | 58.6 | 59.0 | 59.2 | 58.0 | 58.3 | 58.0 | 55.8 | 54.7 | 54.1 | 54.7 | 55.1 | 54.7 | 21 |
| 55.2 | 55.2 | 53.1 | 53.7 | 53.1 | 53.6 | 54.8 | 56.2 | 57.0 | 58.3 | 58.3 | 59.7 | 60.0 | 59.8 | 59.9 | 60.1 | 59.7 | 59.0 | 57.1 | 56.1 | 56.1 | 56.0 | 55.9 | 56.8 | 22 |
| 55.9 | 55.8 | 55.7 | 55.1 | 55.4 | 56.4 | 57.0 | 57.9 | 58.5 | 59.0 | 57.7 | 58.5 | 59.1 | 59.3 | 59.0 | 58.9 | 57.1 | 56.7 | 54.7 | 54.0 | 54.0 | 54.5 | 54.6 | 56.7 | 23 |
| 53.9 | 53.7 | 53.1 | 52.9 | 52.0 | 52.1 | 52.7 | 53.0 | 53.5 | 53.7 | 53.5 | 54.1 | 54.0 | 54.1 | 53.8 | 53.0 | 52.8 | 52.7 | 52.3 | 52.7 | 52.0 | 52.5 | 52.1 | 53.1 | 24 |
| 51.7 | 52.1 | 52.2 | 52.0 | 52.4 | 52.0 | 52.4 | 53.1 | 54.7 | 54.1 | 54.1 | 54.9 | 54.8 | 55.4 | 55.2 | 56.0 | 54.9 | * | 54.7 | 54.3 | 54.1 | 54.0 | 54.0 | 53.7 | 25 |
| 53.8 | 53.7 | 53.5 | 53.0 | 52.1 | 53.0 | 54.1 | 54.0 | 54.7 | 55.2 | 56.1 | 56.8 | 57.2 | 57.3 | 57.0 | 57.3 | 56.7 | 56.7 | 56.4 | 56.7 | 56.7 | 56.6 | 56.3 | 55.4 | 26 |
| 56.0 | 56.0 | 55.9 | 56.0 | 55.9 | 56.2 | 56.7 | 57.7 | 58.3 | 59.0 | 61.3 | 61.2 | 61.4 | 62.0 | 61.9 | 61.4 | 60.7 | 60.0 | 59.0 | 58.1 | 57.4 | 56.9 | 56.6 | 58.4 | 27 |
| 53.8 | 53.0 | 51.7 | 50.1 | 50.0 | 51.3 | 51.6 | 55.4 | 59.0 | 62.0 | 63.1 | 62.1 | 63.2 | 64.3 | 63.5 | 63.6 | 62.0 | 60.3 | 55.6 | 57.7 | 57.2 | 57.0 | 57.0 | 57.6 | 28 |
| 57.0 | 56.8 | 56.7 | 56.7 | 56.7 | 56.5 | 56.4 | 56.6 | 57.0 | 59.0 | 58.5 | 59.8 | 59.6 | 60.2 | 61.0 | 61.2 | 59.6 | 58.3 | 56.7 | 56.9 | 56.1 | 55.9 | 55.6 | 57.8 | 29 |
| 55.0 | 55.6 | 56.0 | 57.0 | 57.3 | 58.3 | 59.6 | 59.9 | 59.6 | 61.3 | 61.0 | 62.1 | 62.5 | 61.1 | 60.5 | 61.0 | 58.6 | 59.0 | 58.3 | 57.9 | 57.1 | 56.5 | 55.6 | 58.5 | 30 |
| 54.6 | 54.6 | 54.4 | 54.7 | 54.2 | 54.5 | 55.9 | 57.0 | 58.0 | 59.7 | 60.7 | 61.7 | 61.0 | 61.4 | 61.4 | 61.5 | 62.3 | 60.5 | 57.0 | 56.9 | 55.7 | 57.1 | 53.3 | 57.6 | 31 |

Meteorological Office,
116, Victoria Street, Westminster. S.W.

ROBERT H. SCOTT. Secretary.

# GLASGOW OBSERVATORY LAT: 55° 53′ N. LONG: 4° 18′ W.

## WIND

DIRECTION IN NUMBERS { 8 = E. 24 = W. / 16 = S. 32 = N. }

| DAYS. | 1 | | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | | 10 | | 11 | | NOON | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D |
| 1 | 29 | 4.5 | 29 | 4.5 | 29 | 4 | 29 | 3 | 29 | 4.5 | 29 | 3 | 23 | 4.5 | 23 | 7.5 | 26 | 10.5 | 24 | 12 | 23 | 10.5 | 24 | 11 | 26 |
| 2 | 23 | 7.5 | 23 | 4.5 | 13 | 4 | 22 | 3 | 22 | 4 | 22 | 4.5 | 24 | 6.5 | 25 | 11 | 25 | 13 | 27 | 9.5 | 25 | 15 | 26 | 15 | 26 |
| 3 | 23 | 6.5 | 23 | 6.5 | 23 | 4.5 | 23 | 4.5 | 23 | 4.5 | 23 | 6.5 | 24 | 9.5 | 25 | 7.5 | 24 | 11 | 26 | 12 | 23 | 9.5 | 24 | 9.5 | 22 |
| 4 | 5 | 3 | 5 | 1.5 | 5 | 2 | 5 | 1.5 | 5 | 1.5 | 5 | 2 | 5 | 2 | 18 | 6.5 | 18 | 11 | 18 | 10.5 | 22 | 9.5 | 19 | 12 | 19 |
| 5 | 24 | 4 | 24 | 4.5 | 17 | 10.5 | 17 | 11 | 16 | 11 | 16 | 10.5 | 17 | 14 | 20 | 15 | 21 | 13 | 20 | 22 | 20 | 25 | 19 | 20 | 20 |
| 6 | 17 | 6.5 | 17 | 10.5 | 16 | 9.5 | 17 | 8.5 | 18 | 7.5 | 16 | 8.5 | 18 | 8.5 | 16 | 11 | 16 | 11 | 20 | 14 | 21 | 21 | 23 | 17 | 22 |
| 7 | 21 | 4 | 21 | 3 | 21 | 2 | 21 | 2 | 21 | 2 | 21 | 3 | 21 | 4.5 | 21 | 6.5 | 23 | 6.5 | 25 | 6.5 | 24 | 7.5 | 1 | 4.5 | 26 |
| 8 | 24 | 7.5 | 24 | 7.5 | 25 | 10.5 | 24 | 9.5 | 24 | 5.5 | 24 | 3 | 26 | 6.5 | 26 | 13 | 24 | 12 | 26 | 16 | 26 | 18 | 26 | 18 | 25 |
| 9 | 24 | 6.5 | 24 | 10.5 | 23 | 9.5 | 23 | 7.5 | 23 | 4.5 | 23 | 9.5 | 23 | 8.5 | 24 | 12 | 25 | 12 | 22 | 11 | 27 | 15 | 24 | 14 | 26 |
| 10 | 17 | 3 | 17 | 4 | 17 | 2 | 23 | 4 | 23 | 5.5 | 22 | 6.5 | 21 | 10.5 | 20 | 10.5 | 20 | 14 | 20 | 12 | 20 | 13 | 19 | 11 | 21 |
| 11 | 22 | 3 | 22 | 2 | 22 | 3 | 22 | 4 | 22 | 2 | 22 | 2 | 22 | 2 | 22 | 3 | 22 | 4 | 22 | 3 | 22 | 1.5 | 22 | 3 | 23 |
| 12 | 8 | 8.5 | 6 | 7.5 | 8 | 10.5 | 9 | 7.5 | 9 | 6.5 | 9 | 5.5 | 7 | 7.5 | 7 | 8.5 | 6 | 7.5 | 7 | 9.5 | 6 | 9.5 | 5 | 12 | 7 |
| 13 | 6 | 4 | 6 | 4 | 6 | 4.5 | 6 | 4 | 6 | 2 | 6 | 2 | 6 | 3 | 6 | 2 | 6 | 12 | 6 | 14 | 8 | 17 | 6 | 16 | 8 |
| 14 | 7 | 7.5 | 6 | 5.5 | 6 | 5.5 | 6 | 6.5 | 6 | 6.5 | 6 | 5.5 | 6 | 4 | 6 | 5.5 | 6 | 6.5 | 3 | 6.5 | 3 | 5.5 | 3 | 6.5 | 2 |
| 15 | 7 | 7.5 | 5 | 7.5 | 7 | 7.5 | 7 | 5.5 | 7 | 6.5 | 7 | 5.5 | 7 | 7.5 | 8 | 6.5 | 6 | 7.5 | 7 | 9.5 | 6 | 10.5 | 7 | 10.5 | 7 |
| 16 | 6 | 8.5 | 9 | 8.5 | 7 | 7.5 | 4 | 8.5 | 4 | 7.5 | 4 | 6.5 | 6 | 9.5 | 6 | 11 | 6 | 9.5 | 5 | 13 | 6 | 11 | 6 | 11 | 5 |
| 17 | 6 | 9.5 | 6 | 10.5 | 6 | 10.5 | 5 | 10.5 | 6 | 13 | 5 | 8.5 | 6 | 10.5 | 5 | 11 | 6 | 14 | 7 | 11 | 6 | 15 | 6 | 11 | 6 |
| 18 | 6 | 6.5 | 7 | 8.5 | 7 | 8.5 | 6 | 8.5 | 6 | 7.5 | 6 | 5.5 | 6 | 6.5 | 6 | 7.5 | 6 | 5.5 | 7 | 4.5 | 9 | 8.5 | 10 | 13 | 9 |
| 19 | 6 | 3 | 6 | 4 | 6 | 3 | 6 | 4 | 6 | 1.5 | 6 | 2 | 6 | 4.5 | 13 | 5.5 | 16 | 4 | 16 | 6.5 | 16 | 4 | 16 | 4 | 16 |
| 20 | 20 | 2 | 20 | 2 | 20 | 2 | 20 | 3 | 20 | 2 | 20 | 3 | 20 | 2 | 20 | 2 | 20 | 2 | 20 | 4 | 24 | 8.5 | 25 | 8.5 | 24 |
| 21 | 22 | 3 | 22 | 4 | 22 | 4 | 22 | 4 | 22 | 3 | 22 | 3 | 22 | 2 | 22 | 1.5 | 22 | 2 | 22 | 3 | 8 | 7.5 | 6 | 13 | 7 |
| 22 | 6 | 4 | 6 | 3 | 6 | 3 | 6 | 2 | 6 | 2 | 6 | 2 | 6 | 2 | 6 | 3 | 6 | 3 | 6 | 3 | 6 | 4 | 2 | 5.5 | 5 |
| 23 | 6 | 8.5 | 6 | 6.5 | 6 | 6.5 | 6 | 4 | 6 | 2 | 6 | 2 | 6 | 2 | 6 | 1.5 | 6 | 2 | 19 | 4 | 19 | 3 | 6 | 7.5 | 6 |
| 24 | 8 | 7.5 | 8 | 4 | 8 | 5.5 | 8 | 6.5 | 7 | 5.5 | 5 | 7.5 | 7 | 7.5 | 7 | 8.5 | 7 | 9.5 | 7 | 10.5 | 8 | 11 | 6 | 10.5 | 5 |
| 25 | 9 | 6.5 | 7 | 6.5 | 7 | 8.5 | 4 | 8.5 | 6 | 7.5 | 8 | 9.5 | 7 | 9.5 | 6 | 9.5 | 6 | 12 | 6 | 11 | 7 | 10.5 | 6 | 10.5 | 7 |
| 26 | 6 | 10.5 | 6 | 11 | 6 | 10.5 | 6 | 11 | 6 | 13 | 5 | 12 | 5 | 10.5 | 5 | 10.5 | 6 | 11 | 6 | 11 | 6 | 14 | 6 | 13 | 6 |
| 27 | 5 | 6.5 | 6 | 3 | 6 | 4.5 | 6 | 4.5 | 6 | 5.5 | 6 | 3 | 6 | 4 | 6 | 4 | 6 | 4 | 6 | 4 | 30 | 4 | 26 | 6.5 | 24 |
| 28 | 25 | 2 | 25 | 4 | 25 | 4 | 25 | 4.5 | 25 | 3 | 25 | 3 | 25 | 2 | 25 | 2 | 25 | 2 | 25 | 3 | 6 | 4.5 | 7 | 8.5 | 5 |
| 29 | 7 | 10.5 | 7 | 10.5 | 6 | 11 | 6 | 8.5 | 6 | 9.5 | 6 | 8.5 | 6 | 9.5 | 6 | 12 | 6 | 13 | 6 | 17 | 6 | 20 | 6 | 16 | 6 |
| 30 | 5 | 11 | 5 | 11 | 6 | 12 | 6 | 14 | 6 | 13 | 6 | 13 | 6 | 13 | 6 | 17 | 7 | 16 | 8 | 18 | 8 | 15 | 11 | 14 | 10 |
| 31 | 6 | 12 | 6 | 10.5 | 6 | 12 | 7 | 9.5 | 8 | 7.5 | 8 | 8.5 | 8 | 9.5 | 7 | 9.5 | 6 | 9.5 | 7 | 8.5 | 6 | 7.5 | 7 | 7.5 | 5 |

## RAINFALL

RAIN GAUGE { HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 180 FEET.

| DAYS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 2 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 3 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | .003 | .002 | . | . | . | . | . | .007 |
| 4 | .026 | .014 | .003 | .005 | .001 | . | .002 | .026 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | .037 | .213 |
| 5 | .075 | .026 | .088 | .001 | .013 | .055 | .022 | . | .002 | . | . | . | . | . | . | . | .020 | .001 | . | . | . | . | . | . |
| 6 | . | . | .009 | .005 | .002 | .001 | .001 | .005 | .004 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 7 | . | . | . | . | . | . | . | . | . | . | .005 | .154 | .001 | . | . | . | . | . | . | . | . | . | . | . |
| 8 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 9 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 10 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 11 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 12 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 13 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 14 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 15 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 16 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 17 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 18 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 19 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 20 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 21 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 22 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 23 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 24 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 25 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 26 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 27 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 28 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 29 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 30 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 31 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |

* Record defective or Instrument out of action. † Obtained from reading of Standard. ‡ Approximate.

# HOURLY VALUES AUGUST 1880.

AND VELOCITY IN MILES PER HOUR.

| 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | | 10 | | 11 | | MIDT. | | DAYS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | | |
| 15 | 26 | 12 | 27 | 14 | 26 | 15 | 27 | 11 | 26 | 10.5 | 27 | 8.5 | 25 | 5.5 | 25 | 4.5 | 20 | 4.5 | 26 | 8.5 | | 1 |
| 15 | 24 | 13 | 25 | 11 | 27 | 15 | 27 | 15 | 25 | 12 | 26 | 7.5 | 26 | 4.5 | 25 | 4.5 | 23 | 6.5 | 23 | 4.5 | | 2 |
| 13 | 20 | 12 | 22 | 14 | 21 | 11 | 21 | 4.5 | 21 | 4.5 | 21 | 3 | 21 | 2 | 13 | 4 | 13 | 4 | 13 | 3 | | 3 |
| 17 | 19 | 14 | 18 | 12 | 18 | 11 | 16 | 11 | 16 | 10.5 | 14 | 11 | 13 | 5.5 | 14 | 7.5 | 24 | 7.5 | 24 | 3 | | 4 |
| 25 | 20 | 21 | 21 | 17 | 22 | 14 | 19 | 13 | 18 | 13 | 19 | 12 | 20 | 10.5 | 19 | 8.5 | 18 | 6.5 | 17 | 8.5 | | 5 |
| 16 | 20 | 14 | 20 | 9.5 | 22 | 8.5 | 21 | 10.5 | 21 | 10.5 | 21 | 7.5 | 21 | 6.5 | 21 | 4.5 | 21 | 4 | 21 | 4 | | 6 |
| 10.5 | 25 | 11 | 25 | 12 | 25 | 11 | 25 | 10.5 | 25 | 12 | 25 | 7.5 | 25 | 6.5 | 25 | 9.5 | 23 | 10.5 | 24 | 9.5 | | 7 |
| 17 | 26 | 18 | 26 | 18 | 24 | 17 | 24 | 14 | 26 | 14 | 25 | 10.5 | 24 | 10.5 | 24 | 10.5 | 23 | 10.5 | 23 | 10.5 | | 8 |
| 10.5 | 22 | 11 | 22 | 12 | 23 | 14 | 21 | 14 | 21 | 9.5 | 19 | 4.5 | 22 | 4 | 22 | 4 | 17 | 4.5 | 17 | 3 | | 9 |
| 12 | 23 | 13 | 23 | 11 | 21 | 10.5 | 21 | 8.5 | 20 | 7.5 | 21 | 6.5 | 22 | 4.5 | 22 | 5.5 | 22 | 4.5 | 22 | 3 | | 10 |
| 3 | 31 | 4.5 | 6 | 3 | 6 | 3 | 6 | 2 | 6 | 6.5 | 6 | 10.5 | 6 | 9.5 | 6 | 10.5 | 6 | 10.5 | 7 | 8.5 | | 11 |
| 11 | 6 | 11 | 8 | 8.5 | 5 | 12 | 7 | 13 | 6 | 9.5 | 5 | 13 | 5 | 13 | 6 | 10.5 | 6 | 7.5 | 6 | 4 | | 12 |
| 13 | 6 | 14 | 7 | 13 | 6 | 14 | 6 | 11 | 6 | 10.5 | 5 | 12 | 6 | 10.5 | 5 | 9.5 | 7 | 7.5 | 7 | 8.5 | | 13 |
| 6.5 | 3 | 5.5 | 3 | 6.5 | 5 | 6.5 | 5 | 10.5 | 5 | 10.5 | 6 | 12 | 5 | 13 | 5 | 9.5 | 7 | 8.5 | 8 | 7.5 | | 14 |
| 10.5 | 6 | 9.5 | 8 | 11 | 7 | 9.5 | 8 | 10.5 | 6 | 9.5 | 9 | 6.5 | 9 | 5.5 | 9 | 5.5 | 8 | 6.5 | 6 | 6.5 | | 15 |
| 12 | 5 | 14 | 5 | 11 | 7 | 11 | 7 | 12 | 8 | 11 | 7 | 10.5 | 7 | 11 | 8 | 9.5 | 7 | 8.5 | 5 | 12 | | 16 |
| 11 | 6 | 9.5 | 9 | 13 | 9 | 14 | 7 | 10.5 | 6 | 6.5 | 7 | 9.5 | 8 | 7.5 | 7 | 6.5 | 6 | 6.5 | 6 | 7.5 | | 17 |
| 9.5 | 9 | 9.5 | 10 | 7.5 | 10 | 7.5 | 11 | 5.5 | 6 | 4.5 | 6 | 5.5 | 6 | 5.5 | 6 | 4.5 | 6 | 4.5 | 6 | 4 | | 18 |
| 5.5 | 14 | 6.5 | 21 | 7.5 | 21 | 8.5 | 21 | 7.5 | 21 | 5.5 | 18 | 5.5 | 20 | 4.5 | 20 | 4 | 20 | 3 | 20 | 2 | | 19 |
| 4.5 | 26 | 5.5 | 26 | 6.5 | 26 | 4.5 | 22 | 6.5 | 22 | 4.5 | 22 | 4 | 22 | 4 | 22 | 2 | 22 | 3 | 22 | 3 | | 20 |
| 11 | 6 | 13 | 6 | 11 | 7 | 12 | 5 | 6.5 | 6 | 10.5 | 5 | 10.5 | 8 | 7.5 | 6 | 7.5 | 6 | 5.5 | 6 | 5.5 | | 21 |
| 5.5 | 6 | 4.5 | 6 | 2 | 5 | 3 | 5 | 3 | 5 | 9.5 | 7 | 9.5 | 6 | 9.5 | 6 | 9.5 | 6 | 7.5 | 6 | 6.5 | | 22 |
| 9.5 | 7 | 7.5 | 6 | 7.5 | 7 | 10.5 | 7 | 9.5 | 7 | 8.5 | 8 | 9.5 | 6 | 8.5 | 8 | 6.5 | 8 | 8.5 | 8 | 7.5 | | 23 |
| 10.5 | 5 | 10.5 | 7 | 9.5 | 7 | 9.5 | 4 | 9.5 | 6 | 10.5 | 6 | 7.5 | 7 | 8.5 | 8 | 7.5 | 8 | 5.5 | 8 | 5.5 | | 24 |
| 13 | 5 | 14 | 6 | 12 | 6 | 17 | 5 | 13 | 6 | 14 | 6 | 14 | 6 | 11 | 6 | 11 | 7 | 10.5 | 7 | 9.5 | | 25 |
| 13 | 6 | 15 | 6 | 14 | 5 | 12 | 5 | 15 | 7 | 11 | 5 | 10.5 | 5 | 8.5 | 6 | 7.5 | 5 | 8.5 | 5 | 9.5 | | 26 |
| 8.5 | 25 | 7.5 | 25 | 7.5 | 27 | 8.5 | 27 | 6.5 | 27 | 4.5 | 25 | 6.5 | 25 | 4.5 | 25 | 5.5 | 25 | 4 | 25 | 4 | | 27 |
| 9.5 | 7 | 11 | 5 | 11 | 6 | 12 | 6 | 11 | 8 | 12 | 7 | 12 | 7 | 11 | 8 | 9.5 | 7 | 11 | 7 | 10.5 | | 28 |
| 14 | 7 | 14 | 6 | 20 | 6 | 17 | 7 | 16 | 6 | 16 | 5 | 15 | 6 | 15 | 5 | 14 | 6 | 13 | 6 | 14 | | 29 |
| 12 | 13 | 11 | 11 | 12 | 9 | 16 | 11 | 13 | 8 | 12 | 6 | 13 | 6 | 14 | 7 | 12 | 6 | 12 | 6 | 10.5 | | 30 |
| 7.5 | 14 | 8.5 | 15 | 11 | 15 | 9.5 | 20 | 7.5 | 17 | 6.5 | 17 | 4 | 17 | 4 | 17 | 4 | 13 | 4 | 8 | 6.5 | | 31 |

# VAPOUR TENSION

IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

| 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT | DAYS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ·287 | ·286 | ·272 | ·272 | ·265 | ·304 | ·322 | ·321 | ·300 | ·321 | ·311 | ·321 | ·325 | ·325 | ·327 | ·322 | ·317 | ·319 | ·314 | ·306 | ·313 | ·311 | ·306 | 1 |
| ·305 | ·314 | ·308 | ·319 | ·336 | ·359 | ·344 | ·342 | ·324 | ·307 | ·310 | ·338 | ·357 | ·371 | ·370 | ·344 | ·330 | ·348 | ·358 | ·365 | ·349 | ·338 | ·325 | 2 |
| ·306 | ·298 | ·308 | ·309 | ·316 | ·360 | ·360 | ·349 | ·319 | ·366 | ·323 | ·351 | ·359 | ·356 | ·355 | ·386 | ·374 | ·382 | ·381 | ·387 | ·399 | ·392 | ·413 | 3 |
| ·426 | ·429 | ·431 | ·440 | ·439 | ·457 | ·484 | ·502 | ·494 | ·492 | ·494 | ·464 | ·463 | ·467 | ·461 | ·464 | ·468 | ·465 | ·459 | ·460 | ·470 | ·457 | ·457 | 4 |
| ·470 | ·472 | ·469 | ·466 | ·469 | ·484 | ·472 | ·438 | ·411 | ·432 | ·423 | ·443 | ·413 | ·424 | ·434 | ·474 | ·437 | ·437 | ·441 | ·439 | ·432 | ·429 | ·441 | 5 |
| ·427 | ·418 | ·422 | ·410 | ·425 | ·411 | ·410 | ·418 | ·423 | ·401 | ·426 | ·394 | ·356 | ·375 | ·382 | ·386 | ·366 | ·403 | ·375 | ·379 | ·376 | ·366 | ·362 | 6 |
| ·350 | ·366 | ·357 | ·361 | ·376 | ·384 | ·409 | ·389 | ·364 | ·379 | ·368 | ·377 | ·343 | ·385 | ·375 | ·369 | ·380 | ·367 | ·376 | ·378 | ·374 | ·362 | ·366 | 7 |
| ·358 | ·358 | ·358 | ·363 | ·371 | ·397 | ·399 | ·408 | ·394 | ·380 | ·397 | ·379 | ·372 | ·380 | ·355 | ·374 | ·371 | ·361 | ·358 | ·361 | ·354 | ·352 | ·360 | 8 |
| ·359 | ·348 | ·343 | ·336 | ·368 | ·389 | ·366 | ·376 | ·358 | ·317 | ·334 | ·306 | ·329 | ·369 | ·353 | ·356 | ·360 | ·346 | ·340 | ·353 | ·360 | ·350 | ·341 | 9 |
| ·370 | ·380 | ·389 | ·444 | ·472 | ·483 | ·499 | ·509 | ·547 | ·544 | ·553 | ·548 | ·579 | ·563 | ·552 | ·550 | ·564 | ·550 | ·550 | ·555 | ·560 | ·559 | ·562 | 10 |
| ·542 | ·529 | ·534 | ·536 | ·539 | ·554 | ·551 | ·580 | ·562 | ·552 | ·563 | ·583 | ·583 | ·564 | ·561 | ·586 | ·603 | ·564 | ·543 | ·499 | ·488 | ·467 | ·468 | 11 |
| ·473 | ·479 | ·488 | ·475 | ·472 | ·468 | ·462 | ·480 | ·450 | ·490 | ·490 | ·462 | ·425 | ·467 | ·427 | ·447 | ·417 | ·450 | ·450 | ·432 | ·444 | ·435 | ·439 | 12 |
| ·434 | ·434 | ·423 | ·408 | ·409 | ·412 | ·432 | ·417 | ·439 | ·428 | ·410 | ·421 | ·422 | ·434 | ·444 | ·418 | ·424 | ·434 | ·441 | ·423 | ·423 | ·421 | ·414 | 13 |
| ·422 | ·417 | ·406 | ·406 | ·409 | ·409 | ·419 | ·422 | ·443 | ·461 | ·488 | ·505 | ·493 | ·450 | ·454 | ·488 | ·510 | ·527 | ·472 | ·437 | ·437 | ·434 | ·434 | 14 |
| ·424 | ·421 | ·415 | ·409 | ·408 | ·405 | ·411 | ·414 | ·426 | ·444 | ·443 | ·447 | ·446 | ·446 | ·439 | ·430 | ·410 | ·406 | ·406 | ·404 | ·409 | ·406 | ·408 | 15 |
| ·385 | ·385 | ·376 | ·380 | ·391 | ·399 | ·413 | ·420 | ·413 | ·417 | ·410 | ·414 | ·405 | ·414 | ·410 | ·413 | ·416 | ·407 | ·404 | ·397 | ·402 | ·383 | ·370 | 16 |
| ·366 | ·387 | ·401 | ·381 | ·382 | ·385 | ·372 | ·358 | ·354 | ·369 | ·359 | ·394 | ·379 | ·384 | ·389 | ·405 | ·405 | ·408 | ·418 | ·415 | ·414 | ·407 | ·406 | 17 |
| ·410 | ·412 | ·395 | ·392 | ·386 | ·386 | ·382 | ·381 | ·364 | ·357 | ·353 | ·351 | ·361 | ·357 | ·360 | ·366 | ·368 | ·366 | ·376 | ·383 | ·369 | ·370 | ·379 | 18 |
| ·387 | ·387 | ·368 | ·375 | ·392 | ·387 | ·380 | ·383 | ·389 | ·379 | ·378 | ·391 | ·398 | ·397 | ·390 | ·376 | ·388 | ·378 | ·378 | ·365 | ·366 | ·376 | ·394 | 19 |
| ·399 | ·403 | ·399 | ·402 | ·400 | ·412 | ·425 | ·420 | ·421 | ·402 | ·413 | ·402 | ·401 | ·405 | ·402 | ·402 | ·427 | ·428 | ·420 | ·433 | ·423 | ·405 | ·385 | 20 |
| ·361 | ·348 | ·334 | ·333 | ·329 | ·343 | ·341 | ·391 | ·407 | ·438 | ·402 | ·391 | ·359 | ·360 | ·382 | ·355 | ·378 | ·391 | ·371 | ·363 | ·358 | ·386 | ·409 | 21 |
| ·414 | ·415 | ·383 | ·398 | ·382 | ·383 | ·391 | ·407 | ·403 | ·417 | ·399 | ·427 | ·426 | ·420 | ·426 | ·438 | ·437 | ·443 | ·412 | ·408 | ·411 | ·417 | ·418 | 22 |
| ·415 | ·415 | ·412 | ·414 | ·413 | ·423 | ·436 | ·449 | ·432 | ·436 | ·413 | ·451 | ·442 | ·435 | ·431 | ·427 | ·402 | ·410 | ·392 | ·381 | ·377 | ·397 | ·400 | 23 |
| ·388 | ·388 | ·374 | ·372 | ·348 | ·339 | ·343 | ·342 | ·346 | ·340 | ·337 | ·339 | ·347 | ·346 | ·341 | ·330 | ·337 | ·339 | ·334 | ·352 | ·335 | ·359 | ·348 | 24 |
| ·340 | ·358 | ·360 | ·352 | ·360 | ·349 | ·355 | ·352 | ·375 | ·352 | ·360 | ·367 | ·367 | ·377 | ·383 | ·394 | ·386 | * | ·401 | ·395 | ·394 | ·395 | ·396 | 25 |
| ·393 | ·394 | ·390 | ·380 | ·369 | ·378 | ·375 | ·368 | ·379 | ·393 | ·409 | ·417 | ·416 | ·419 | ·415 | ·418 | ·419 | ·425 | ·425 | ·432 | ·435 | ·436 | ·430 | 26 |
| ·422 | ·421 | ·419 | ·424 | ·421 | ·427 | ·427 | ·427 | ·426 | ·428 | ·457 | ·447 | ·455 | ·466 | ·464 | ·463 | ·468 | ·474 | ·463 | ·456 | ·442 | ·445 | ·439 | 27 |
| ·405 | ·396 | ·374 | ·356 | ·349 | ·365 | ·363 | ·421 | ·459 | ·473 | ·484 | ·439 | ·460 | ·493 | ·482 | ·504 | ·483 | ·466 | ·459 | ·458 | ·448 | ·452 | ·455 | 28 |
| ·452 | ·449 | ·443 | ·442 | ·442 | ·428 | ·416 | ·407 | ·405 | ·425 | ·413 | ·415 | ·392 | ·412 | ·429 | ·459 | ·431 | ·438 | ·428 | ·444 | ·434 | ·433 | ·425 | 29 |
| ·420 | ·437 | ·436 | ·448 | ·456 | ·467 | ·470 | ·461 | ·431 | ·454 | ·422 | ·438 | ·469 | ·391 | ·381 | ·403 | ·359 | ·400 | ·440 | ·453 | ·442 | ·439 | ·422 | 30 |
| ·417 | ·421 | ·415 | ·419 | ·405 | ·412 | ·414 | ·414 | ·412 | ·436 | ·429 | ·459 | ·399 | ·401 | ·398 | ·409 | ·452 | ·453 | ·406 | ·416 | ·399 | ·422 | ·380 | 31 |

Meteorological Office,
116, Victoria Street, Westminster. S. W.
ROBERT H. SCOTT, Secretary.

# ABERDEEN OBSERVATORY LAT: 57° 10′ N. LONG: 2° 6′

## BAROMETER

| DAYS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 29.496 | 29.484 | 29.472 | 29.472 | 29.474 | 29.476 | 29.474 | 29.472 | 29.472 | 29.468 | 29.470 | 29.477 | 29. |
| 2 | .480 | .477 | .475 | .473 | .477 | .485 | .495 | .500 | .510 | .519 | .525 | .531 | . |
| 3 | .651 | .648 | .651 | .657 | .658 | .675 | .685 | .696 | .701 | .701 | .706 | .713 | . |
| 4 | .688 | .673 | .668 | .664 | .660 | .657 | .660 | .664 | .662 | .657 | .651 | .645 | . |
| 5 | .576 | .558 | .546 | .541 | .532 | .524 | .516 | .516 | .507 | .497 | .486 | .477 | . |
| 6 | .440 | .439 | .430 | .423 | .428 | .423 | .426 | .410 | .411 | .426 | .423 | .424 | . |
| 7 | .399 | .385 | .374 | .378 | .359 | .353 | .339 | .334 | .325 | .318 | .311 | .296 | . |
| 8 | .281 | .290 | .293 | .300 | .315 | .327 | .339 | .347 | .347 | .365 | .383 | .393 | . |
| 9 | .635 | .647 | .657 | .671 | .692 | .711 | .734 | 29.755 | 29.769 | 29.784 | 29.804 | 29.819 | 29. |
| 10 | 29.962 | 29.963 | 29.960 | 29.969 | 29.974 | 29.991 | 29.999 | 30.005 | 30.011 | 30.016 | 30.028 | 30.033 | 30. |
| 11 | 30.172 | 30.177 | 30.181 | 30.181 | 30.188 | 30.197 | 30.214 | .225 | .225 | .225 | ‡ .250 | ‡ .240 | ‡ . |
| 12 | ‡ .270 | ‡ .270 | ‡ .260 | ‡ .260 | ‡ .260 | ‡ .260 | ‡ .270 | .280 | ‡ .270 | ‡ .270 | ‡ .270 | ‡ .280 | ‡ . |
| 13 | ‡ .250 | ‡ .230 | ‡ .230 | ‡ .220 | ‡ .220 | ‡ .210 | ‡ .220 | .230 | ‡ .230 | ‡ .240 | .240 | .234 | . |
| 14 | .178 | .173 | .160 | .153 | ------ | ------ | * | ------ | ------ | † .164 | * | † .152 | . |
| 15 | ------ | ------ | ------ | ------ | * | * | ------ | ------ | ------ | † .130 | .132 | .130 | . |
| 16 | .119 | .121 | .114 | .111 | .113 | .117 | .121 | .127 | .186 | .143 | .144 | .149 | . |
| 17 | .192 | .196 | .197 | .198 | .197 | .205 | .214 | .219 | .231 | .234 | .227 | .231 | . |
| 18 | .234 | .229 | .217 | .207 | .198 | .205 | .203 | .205 | .203 | .202 | .200 | .193 | . |
| 19 | 30.081 | 30.074 | 30.059 | 30.047 | 30.039 | 30.039 | 30.039 | 30.045 | 30.046 | .044 | .042 | .036 | . |
| 20 | 29.988 | 29.986 | 29.974 | 29.978 | 29.971 | 29.976 | 29.982 | 29.990 | 29.997 | .004 | .007 | .013 | . |
| 21 | 30.102 | 30.104 | 30.110 | 30.115 | 30.119 | 30.123 | 30.127 | 30.137 | 30.142 | .139 | .142 | .145 | . |
| 22 | .128 | .127 | .121 | .109 | .108 | .105 | .107 | .107 | .105 | .103 | .114 | .121 | . |
| 23 | .092 | .085 | .072 | .063 | .067 | .070 | .071 | .076 | .080 | .083 | .085 | .088 | . |
| 24 | .092 | .090 | .084 | .080 | .079 | .079 | .085 | .087 | .081 | .084 | .083 | .081 | . |
| 25 | 30.060 | 30.060 | 30.055 | 30.052 | 30.043 | 30.043 | 30.049 | 30.053 | 30.053 | 30.050 | 30.041 | 30.036 | 30. |
| 26 | 29.983 | 29.986 | 29.981 | 29.976 | 29.972 | 29.971 | 29.969 | 29.974 | 29.973 | 29.979 | 29.978 | 29.978 | 29. |
| 27 | 29.985 | 29.982 | 29.988 | 29.991 | 29.993 | 30.002 | 30.018 | 30.036 | 30.048 | 30.062 | 30.063 | 30.063 | 30. |
| 28 | 30.180 | 30.182 | 30.185 | 30.193 | 30.207 | .217 | .219 | .225 | .229 | .232 | .231 | .234 | . |
| 29 | .223 | .223 | .217 | .212 | .202 | .204 | .206 | .207 | .210 | .207 | .204 | .189 | . |
| 30 | .102 | .087 | .080 | .072 | .062 | .066 | .070 | .076 | .078 | .077 | .073 | .065 | . |
| 31 | 30.035 | 30.036 | 30.028 | 30.023 | 30.021 | 30.027 | 30.031 | 30.025 | 30.031 | 30.025 | 30.019 | 30.008 | 30. |

## DRY BULB THERMOMETER

41 FEET ABOVE GROUND

| DAYS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 50.0 | 44.3 | 44.4 | 48.7 | 49.2 | 44.7 | 50.6 | 52.3 | 57.1 | 57.0 | 57.0 | 54.0 | 55.0 | 56.2 | 57.3 | 56.7 | 56.6 | 56.3 | 54.2 | 53.7 | 52.6 | 52.0 | 52.4 | 51.4 |
| 2 | 51.6 | 51.5 | 51.2 | 51.4 | 51.2 | 51.8 | 54.0 | 55.7 | 56.3 | 57.1 | 58.5 | 54.1 | 53.4 | 58.0 | 52.2 | 57.0 | 57.1 | 56.9 | 56.6 | 55.9 | 55.0 | 54.3 | 52.4 | 51.6 |
| 3 | 60.6 | 50.0 | 46.5 | 48.4 | 50.7 | 52.4 | 53.7 | 54.7 | 56.5 | 58.9 | 60.2 | 58.7 | 58.3 | 58.7 | 59.5 | 57.0 | 55.2 | 54.8 | 54.5 | 54.3 | 54.7 | 55.0 | 54.5 | 54.9 |
| 4 | 54.6 | 54.7 | 55.5 | 54.4 | 54.6 | 55.1 | 55.9 | 56.6 | 59.3 | 60.4 | 60.4 | 60.7 | 61.0 | 61.6 | 63.2 | 62.5 | 62.0 | 62.4 | 61.3 | 60.7 | 59.5 | 59.6 | 59.2 | 59.1 |
| 5 | 59.7 | 58.6 | 57.2 | 56.8 | 53.1 | 58.6 | 60.5 | 62.1 | 60.0 | 62.1 | 62.5 | 60.1 | 63.3 | 64.2 | 65.0 | 66.6 | 65.7 | 65.5 | 63.3 | 62.0 | 61.9 | 60.3 | 59.5 | 58.1 |
| 6 | 58.3 | 57.5 | 57.6 | 56.7 | 56.7 | 57.5 | 58.2 | 56.6 | 60.0 | 61.2 | 62.6 | 62.0 | 63.9 | 63.0 | 63.6 | 63.1 | 64.0 | 61.2 | 58.6 | 58.1 | 58.0 | 57.4 | 56.3 | 56.5 |
| 7 | 56.3 | 55.5 | 54.7 | 54.5 | 53.6 | 53.9 | 56.0 | 57.4 | 59.5 | 62.1 | 60.0 | 60.7 | 62.3 | 62.2 | 61.8 | 60.2 | 59.0 | 59.6 | 60.0 | 56.9 | 54.8 | 53.5 | 54.1 | 55.2 |
| 8 | 54.5 | 54.0 | 53.6 | 53.9 | 54.7 | 55.6 | 58.5 | 60.2 | 62.9 | 63.7 | 64.2 | 62.4 | 62.1 | 63.3 | 62.3 | 63.6 | 62.7 | 64.9 | 63.7 | 60.2 | 59.3 | 56.4 | 55.0 | 54.0 |
| 9 | 54.0 | 53.3 | 52.9 | 52.3 | 52.9 | 55.0 | 59.0 | 60.4 | 61.7 | 62.1 | 63.4 | 63.7 | 64.6 | 64.7 | 65.0 | 64.9 | 65.4 | 62.0 | 61.6 | 59.0 | 55.9 | 54.6 | 54.3 | 53.0 |
| 10 | 53.9 | 54.4 | 54.0 | 54.3 | 54.1 | 55.7 | 61.0 | 64.3 | 66.0 | 68.0 | 66.0 | 72.8 | 73.1 | 69.4 | 66.3 | 68.2 | 66.5 | 64.4 | 63.0 | 61.8 | 61.8 | 61.4 | 61.5 | 60.9 |
| 11 | 61.9 | 61.4 | 61.7 | 62.2 | 60.4 | 62.5 | 65.3 | 67.7 | 70.0 | 67.2 | 69.1 | 69.3 | 70.2 | 69.4 | 70.6 | 68.5 | 67.3 | 67.2 | 64.6 | 62.6 | 60.8 | 61.2 | 62.2 | 61.8 |
| 12 | 62.2 | 61.1 | 60.9 | 59.6 | 59.6 | 65.0 | 63.4 | 59.6 | 63.0 | 63.9 | 64.9 | 64.2 | 65.1 | 64.5 | 63.8 | 64.3 | 64.7 | 65.0 | 62.5 | 61.6 | 60.0 | 58.2 | 56.9 | 55.5 |
| 13 | 55.0 | 53.3 | 52.4 | 52.3 | 52.1 | 53.6 | 57.6 | 62.0 | 63.3 | 62.3 | 62.4 | 61.8 | 62.0 | 61.9 | 61.8 | 60.8 | 60.0 | 60.2 | 61.0 | 59.8 | 57.0 | 55.5 | 54.3 | 53.7 |
| 14 | 55.0 | 55.9 | 56.3 | 56.2 | 56.2 | 55.6 | 56.0 | 55.7 | 56.3 | 56.8 | 58.3 | 59.5 | 60.8 | 61.0 | 61.1 | 59.9 | 60.0 | 59.5 | 58.6 | 58.6 | 57.5 | 55.6 | 56.0 | 56.4 |
| 15 | 57.0 | 56.3 | 56.2 | 55.0 | 55.0 | 54.9 | 56.4 | 56.0 | 56.5 | 58.1 | 58.1 | 58.0 | 58.4 | 58.3 | 58.4 | 58.0 | 57.0 | 57.0 | 56.6 | 56.0 | 55.8 | 55.1 | 55.4 | 54.8 |
| 16 | 55.2 | 55.2 | 55.1 | 55.0 | 54.9 | 55.5 | 55.6 | 55.8 | 56.3 | 56.0 | 55.7 | 57.0 | 58.2 | 58.0 | 58.3 | 57.9 | 58.0 | 57.9 | 57.6 | 57.5 | 57.4 | 57.2 | 57.3 | 57.2 |
| 17 | 57.1 | 57.0 | 57.1 | 56.6 | 56.5 | 55.8 | 55.5 | 55.6 | 55.6 | 56.1 | 57.3 | 58.1 | 59.3 | 58.4 | 59.4 | 58.4 | 58.4 | 58.1 | 57.2 | 56.1 | 55.6 | 54.6 | 54.6 | 54.2 |
| 18 | 54.4 | 54.4 | 54.0 | 53.7 | 53.7 | 53.4 | 53.8 | 53.7 | 54.1 | 54.4 | 55.0 | 55.1 | 55.2 | 56.0 | 56.0 | 56.2 | 56.1 | 55.4 | 55.2 | 54.7 | 54.3 | 54.6 | 54.0 | 53.6 |
| 19 | 53.6 | 53.6 | 51.6 | 50.8 | 51.2 | 52.3 | 54.0 | 55.5 | 56.7 | 56.9 | 58.4 | 58.9 | 61.6 | 61.7 | 61.5 | 60.3 | 59.7 | 58.7 | 57.3 | 56.5 | 55.5 | 55.0 | 55.0 | 55.4 |
| 20 | 54.7 | 54.7 | 55.3 | 55.3 | 55.4 | 54.6 | 56.6 | 58.7 | 60.0 | 61.1 | 62.0 | 60.2 | 61.0 | 60.2 | 60.3 | 62.0 | 61.5 | 59.8 | 58.4 | 57.6 | 56.4 | 55.3 | 52.9 | 51.6 |
| 21 | 50.2 | 49.1 | 47.8 | 48.3 | 51.4 | 53.3 | 55.0 | 57.3 | 60.7 | 60.3 | 64.3 | 64.5 | 64.5 | 65.3 | 65.3 | 63.8 | 64.6 | 64.0 | 61.0 | 59.2 | 57.6 | 57.8 | 58.1 | 57.8 |
| 22 | 58.0 | 56.3 | 57.0 | 57.0 | 57.2 | 57.2 | 58.0 | 58.6 | 61.1 | 63.0 | 57.0 | 51.2 | 56.6 | 59.0 | 60.7 | 58.6 | 58.6 | 58.2 | 58.2 | 58.2 | 58.3 | 58.5 | 58.4 | 57.9 |
| 23 | 55.7 | 56.0 | 56.0 | 55.6 | 53.3 | 54.6 | 55.6 | 55.0 | 56.4 | 57.4 | 58.0 | 58.4 | 57.0 | 56.6 | 57.0 | 57.4 | 58.3 | 57.6 | 57.0 | 56.2 | 56.0 | 55.5 | 55.0 | 55.1 |
| 24 | 55.9 | 54.7 | 54.6 | 55.3 | 55.0 | 54.0 | 54.8 | 56.2 | 58.3 | 59.9 | 60.3 | 60.0 | 60.0 | 58.0 | 57.6 | 57.4 | 57.1 | 56.6 | 56.4 | 56.2 | 56.3 | 56.6 | 55.0 | 54.3 |
| 25 | 54.2 | 53.8 | 53.8 | 53.4 | 53.9 | 53.6 | 55.6 | 56.2 | 56.6 | 56.9 | 58.3 | 57.5 | 57.6 | 57.7 | 57.7 | 57.7 | 57.1 | 56.9 | 56.3 | 56.2 | 56.0 | 55.5 | 55.3 | 54.9 |
| 26 | 53.2 | 54.4 | 54.6 | 54.0 | 53.6 | 54.4 | 56.0 | 57.4 | 56.6 | 57.4 | 59.0 | 59.5 | 60.2 | 60.2 | 59.5 | 58.8 | 58.8 | 58.4 | 57.7 | 57.3 | 57.5 | 56.6 | 56.2 | 56.6 |
| 27 | 55.9 | 55.8 | 56.0 | 56.0 | 56.4 | 56.4 | 56.9 | 57.4 | 58.8 | 60.2 | 60.0 | 61.7 | 61.8 | 60.5 | 59.6 | 59.8 | 57.1 | 56.4 | 56.1 | 55.0 | 54.9 | 54.4 | 54.2 | 53.6 |
| 28 | 51.4 | 51.3 | 52.5 | 51.9 | 51.7 | 52.8 | 54.5 | 56.6 | 59.5 | 63.6 | 65.7 | 65.9 | 66.0 | 65.0 | 65.2 | 63.3 | 62.4 | 62.0 | 59.6 | 57.9 | 59.0 | 59.2 | 60.0 | 60.0 |
| 29 | 59.4 | 57.7 | 57.4 | 57.8 | 56.6 | 57.5 | 59.3 | 60.2 | 61.0 | 62.5 | 63.2 | 64.2 | 62.7 | 61.8 | 62.2 | 60.7 | 60.3 | 60.0 | 58.7 | 59.4 | 59.4 | 58.8 | 57.2 | 56.6 |
| 30 | 57.7 | 58.8 | 57.4 | 57.6 | 58.2 | 59.0 | 61.0 | 61.5 | 61.7 | 62.5 | 63.3 | 63.0 | 62.1 | 62.0 | 61.8 | 60.9 | 61.1 | 60.8 | 59.9 | 60.4 | 60.0 | 60.0 | 59.4 | 58.7 |
| 31 | 57.7 | 59.0 | 58.7 | 58.6 | 58.4 | 56.2 | 58.6 | 61.0 | 62.2 | 62.7 | 64.0 | 64.6 | 64.6 | 64.2 | 63.1 | 63.7 | 62.9 | 61.4 | 61.0 | 59.8 | 59.6 | 59.9 | 60.0 | 59.4 |

* Record defective or Instrument out of action. † Reading of Standard. ‡ Approximate.

# HOURLY VALUES AUGUST 1880.

## CISTERN 88 FEET ABOVE MEAN SEA LEVEL.

| | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT. | MEANS. | DAYS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 475 | 29.472 | 29.475 | 29.475 | 29.487 | 29.485 | 29.490 | 29.494 | 29.492 | 29.487 | 29.485 | 29.479 | 1 |
| 538 | .651 | .555 | .561 | .574 | .590 | .608 | .623 | .641 | .638 | .646 | 29.542 | 2 |
| 722 | .721 | .724 | .722 | .727 | .728 | .722 | .718 | .714 | .702 | .700 | 29.698 | 3 |
| 641 | .634 | .622 | .615 | .617 | .609 | .606 | .601 | .600 | .592 | .595 | 29.638 | 4 |
| 156 | .444 | .426 | .416 | .421 | .444 | .448 | .461 | .463 | .456 | .450 | 29.484 | 5 |
| 419 | .412 | .417 | .417 | .431 | .429 | .437 | .435 | .433 | .427 | .415 | 29.425 | 6 |
| 273 | .263 | .262 | .259 | .259 | .266 | .271 | .271 | .273 | .277 | .282 | 29.309 | 7 |
| 421 | .435 | .449 | .471 | .481 | .506 | .533 | .553 | .576 | .593 | .617 | 29.418 | 8 |
| 854 | 29.867 | 29.875 | 29.889 | 29.912 | 29.925 | 29.947 | 29.958 | 29.967 | 29.977 | 29.962 | 29.819 | 9 |
| 055 | 30.061 | 30.078 | 30.084 | 30.098 | 30.114 | 30.128 | 30.136 | 30.145 | 30.152 | 30.164 | 30.049 | 10 |
| 240 | ‡ .240 | ‡ .240 | ‡ .240 | ‡ .240 | ‡ .250 | ‡ .260 | ‡ .270 | ‡ .270 | ‡ .270 | ‡ .270 | 30.229 | 11 |
| 270 | ‡ .270 | ‡ .260 | ‡ .250 | ‡ 250 | ‡ .250 | ‡ .250 | ‡ .250 | ‡ .250 | ‡ .250 | ‡ .250 | 30.263 | 12 |
| 222 | .215 | .213 | .207 | 202 | .206 | .204 | .206 | .202 | .197 | .188 | 30.219 | 13 |
| 131 | * | † .118 | - - - | - - - | - - - | * | * | - - - | - - - | - - - | ‡30.145 | 14 |
| 121 | .117 | .107 | .110 | .107 | .109 | .117 | .121 | .121 | .123 | .126 | ‡30.126 | 15 |
| 147 | .149 | .147 | .141 | .144 | .151 | .159 | .177 | .179 | .187 | .191 | 30.143 | 16 |
| 229 | .223 | .229 | .217 | .218 | .217 | .229 | .229 | .234 | .238 | .241 | 30.220 | 17 |
| 169 | .153 | .140 | 30.121 | 30.115 | 30.109 | 30.115 | 30.113 | .113 | .106 | 30.090 | 30.167 | 18 |
| 018 | .014 | .005 | 29.993 | 29.990 | 29.998 | 29.998 | 29.995 | .000 | .003 | 29.992 | 30.026 | 19 |
| 019 | .020 | .025 | 30.026 | 30.034 | 30.047 | 30.062 | 30.077 | .084 | .093 | 30.097 | 30.079 | 20 |
| 129 | .123 | .121 | .113 | .116 | .114 | .125 | .131 | .129 | .129 | .129 | 30.125 | 21 |
| 107 | .098 | .094 | .083 | .083 | .082 | .091 | .089 | .087 | .087 | .090 | 30.103 | 22 |
| 086 | .083 | .076 | .073 | .077 | .085 | .093 | .095 | .094 | .094 | .092 | 30.082 | 23 |
| 079 | .074 | .067 | .067 | .069 | .069 | .072 | .077 | .075 | .071 | 30.066 | 30.078 | 24 |
| 029 | 30.027 | 30.017 | 30.010 | 30.010 | 30.009 | 30.011 | 30.011 | 30.012 | .003 | 29.991 | 30.031 | 25 |
| 980 | 29.985 | 29.980 | 29.980 | 29.979 | 29.984 | 29.994 | 29.993 | 29.998 | .000 | 29.992 | 29.982 | 26 |
| 080 | 30.083 | 30.089 | 30.094 | 30.109 | 30.121 | 30.144 | 30.159 | 30.169 | .175 | 30.177 | 30.071 | 27 |
| 234 | .223 | .215 | .207 | .218 | .219 | .227 | .231 | .232 | .229 | .227 | 30.218 | 28 |
| 173 | .160 | .153 | .139 | .128 | .132 | .133 | .131 | .132 | .122 | .111 | 30.175 | 29 |
| 061 | 30.053 | 30.046 | 30.047 | 30.047 | 30.049 | 30.055 | 30.057 | 30.059 | 30.055 | 30.047 | 30.064 | 30 |
| 993 | 29.988 | 29.979 | 29.977 | 29.974 | 29.967 | 29.976 | 29.968 | 29.961 | 29.957 | 29.940 | 30.000 | 31 |

# WET BULB THERMOMETER

## 41 FEET ABOVE GROUND.

| 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT | MEANS | DAYS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 47.3 | 46.7 | 46.4 | 46.4 | 46.6 | 46.7 | 48.0 | 50.1 | 50.2 | 50.6 | 50.4 | 51.1 | 52.5 | 50.5 | 50.3 | 50.9 | 50.7 | 50.5 | 50.0 | 49.4 | 49.1 | 49.1 | 49.0 | 49.2 | 1 |
| 49.0 | 48.7 | 48.8 | 48.9 | 49.0 | 50.0 | 50.7 | 50.8 | 51.5 | 51.6 | 50.4 | 51.0 | 52.4 | 50.4 | 53.7 | 55.0 | 52.8 | 53.3 | 53.2 | 52.4 | 51.7 | 51.2 | 50.1 | 51.1 | 2 |
| 46.6 | 47.5 | 47.0 | 48.5 | 50.0 | 50.7 | 51.3 | 52.4 | 54.0 | 54.4 | 55.4 | 54.0 | 53.3 | 54.5 | 54.2 | 53.0 | 52.8 | 52.7 | 52.7 | 53.4 | 53.8 | 53.4 | 53.3 | 52.1 | 3 |
| 53.0 | 53.0 | 53.0 | 53.2 | 53.7 | 54.5 | 55.0 | 57.6 | 58.0 | 58.0 | 58.0 | 59.0 | 59.0 | 60.2 | 59.5 | 59.9 | 60.0 | 58.7 | 58.4 | 57.8 | 58.0 | 57.8 | 57.5 | 56.4 | 4 |
| 57.0 | 56.0 | 55.2 | 56.6 | 57.4 | 58.6 | 59.5 | 58.2 | 59.5 | 59.4 | 58.7 | 60.5 | 60.8 | 61.0 | 61.0 | 59.4 | 60.0 | 59.0 | 57.6 | 57.3 | 57.3 | 57.0 | 56.2 | 58.4 | 5 |
| 55.8 | 55.8 | 55.3 | 55.2 | 55.5 | 56.0 | 56.2 | 57.4 | 58.2 | 58.5 | 58.2 | 59.6 | 59.0 | 59.3 | 58.7 | 59.3 | 57.8 | 57.0 | 56.5 | 56.3 | 56.2 | 55.5 | 55.6 | 57.0 | 6 |
| 53.8 | 53.4 | 52.6 | 51.5 | 51.5 | 52.6 | 52.0 | 53.4 | 54.8 | 54.5 | 54.8 | 54.6 | 54.2 | 54.2 | 53.6 | 54.7 | 55.1 | 55.6 | 54.6 | 53.0 | 50.6 | 51.7 | 52.5 | 53.5 | 7 |
| 52.2 | 51.5 | 51.2 | 51.5 | 52.4 | 54.0 | 54.7 | 55.4 | 55.5 | 56.3 | 56.5 | 58.0 | 57.6 | 59.2 | 59.8 | 57.0 | 57.0 | 57.5 | 55.0 | 54.8 | 53.4 | 52.2 | 51.4 | 54.9 | 8 |
| 50.6 | 49.8 | 49.0 | 49.5 | 51.0 | 54.0 | 54.3 | 54.4 | 54.1 | 53.4 | 53.3 | 54.4 | 54.7 | 55.0 | 55.0 | 55.6 | 54.7 | 54.6 | 53.6 | 53.3 | 53.8 | 52.6 | 51.9 | 53.1 | 9 |
| 51.0 | 51.2 | 51.2 | 51.4 | 53.0 | 56.8 | 58.6 | 60.0 | 62.0 | 62.0 | 64.6 | 65.0 | 63.8 | 62.2 | 63.5 | 63.0 | 61.2 | 60.2 | 59.4 | 59.6 | 59.6 | 59.8 | 59.0 | 58.7 | 10 |
| 59.8 | 60.0 | 60.5 | 59.2 | 60.5 | 62.0 | 63.5 | 63.0 | 63.4 | 64.6 | 64.2 | 64.1 | 64.0 | 63.3 | 63.2 | 62.4 | 62.2 | 61.4 | 60.4 | 59.2 | 59.5 | 59.7 | 59.7 | 61.7 | 11 |
| 60.0 | 59.4 | 58.6 | 58.5 | 61.7 | 61.0 | 58.4 | 61.0 | 61.0 | 60.6 | 59.5 | 59.6 | 59.5 | 59.5 | 60.4 | 61.0 | 61.3 | 60.4 | 59.6 | 58.2 | 56.6 | 55.5 | 54.4 | 59.4 | 12 |
| 52.5 | 51.6 | 51.6 | 51.4 | 52.5 | 55.8 | 60.0 | 59.0 | 58.3 | 58.6 | 59.0 | 59.0 | 58.4 | 58.5 | 58.5 | 58.4 | 58.0 | 58.0 | 57.3 | 55.4 | 54.0 | 53.1 | 52.5 | 56.1 | 13 |
| 54.5 | 55.0 | 55.0 | 55.0 | 54.5 | 54.7 | 54.6 | 54.9 | 55.1 | 55.5 | 56.4 | 57.3 | 57.4 | 57.5 | 56.5 | 56.6 | 56.3 | 56.2 | 56.2 | 56.0 | 54.2 | 54.0 | 54.6 | 55.5 | 14 |
| 54.5 | 54.0 | 53.4 | 53.2 | 53.3 | 54.4 | 56.4 | 55.5 | 55.7 | 56.0 | 53.8 | 56.2 | 56.3 | 56.0 | 55.6 | 55.6 | 55.4 | 54.6 | 54.3 | 54.2 | 54.0 | 54.4 | 54.2 | 54.9 | 15 |
| 54.5 | 54.0 | 54.0 | 54.0 | 54.2 | 53.8 | 54.4 | 54.6 | 55.0 | 54.5 | 54.4 | 54.5 | 54.0 | 54.4 | 54.0 | 54.5 | 54.3 | 54.6 | 55.0 | 55.2 | 54.2 | 54.3 | 54.5 | 54.4 | 16 |
| 54.0 | 54.2 | 54.0 | 53.6 | 54.0 | 54.0 | 54.4 | 54.4 | 54.4 | 54.6 | 55.0 | 55.4 | 55.2 | 55.5 | 55.3 | 55.3 | 54.8 | 54.2 | 53.6 | 54.0 | 52.6 | 51.9 | 52.4 | 54.2 | 17 |
| 52.2 | 52.5 | 51.8 | 51.5 | 51.0 | 51.2 | 51.0 | 51.3 | 51.5 | 51.6 | 52.0 | 52.0 | 52.5 | 52.2 | 52.2 | 52.0 | 51.7 | 51.5 | 51.4 | 51.2 | 51.6 | 51.7 | 51.6 | 51.7 | 18 |
| 51.8 | 50.4 | 49.5 | 50.0 | 51.0 | 52.5 | 53.5 | 54.2 | 54.5 | 55.6 | 56.2 | 57.8 | 57.6 | 57.0 | 56.5 | 55.5 | 54.5 | 53.5 | 53.6 | 53.1 | 53.0 | 53.5 | 53.7 | 53.7 | 19 |
| 53.4 | 53.5 | 53.6 | 53.3 | 52.7 | 54.0 | 56.0 | 56.6 | 57.1 | 57.2 | 57.5 | 57.7 | 57.8 | 57.6 | 58.5 | 58.4 | 58.0 | 56.6 | 55.3 | 55.0 | 53.5 | 51.5 | 50.3 | 55.3 | 20 |
| 48.2 | 46.8 | 47.4 | 50.2 | 52.0 | 53.5 | 55.0 | 57.5 | 57.9 | 58.6 | 57.8 | 54.7 | 59.5 | 58.4 | 56.8 | 57.0 | 57.8 | 58.0 | 57.0 | 56.6 | 57.0 | 56.3 | 55.6 | 55.2 | 21 |
| 55.0 | 55.5 | 55.5 | 55.4 | 55.0 | 55.6 | 55.8 | 57.0 | 57.3 | 55.4 | 55.2 | 56.2 | 57.7 | 57.6 | 56.3 | 56.5 | 56.0 | 56.3 | 56.4 | 56.6 | 56.8 | 56.5 | 56.3 | 56.2 | 22 |
| 55.0 | 55.0 | 54.5 | 52.2 | 53.4 | 54.0 | 53.7 | 53.8 | 53.8 | 54.7 | 54.8 | 54.9 | 54.3 | 54.8 | 54.6 | 54.5 | 54.0 | 53.0 | 52.2 | 52.6 | 52.7 | 52.7 | 52.4 | 53.9 | 23 |
| 52.0 | 51.6 | 51.4 | 51.6 | 51.6 | 52.1 | 52.6 | 52.8 | 53.1 | 53.5 | 53.4 | 53.2 | 54.0 | 54.5 | 54.5 | 54.2 | 54.0 | 54.3 | 54.1 | 54.3 | 54.0 | 53.6 | 53.0 | 53.1 | 24 |
| 52.6 | 52.6 | 52.2 | 52.3 | 52.3 | 53.0 | 53.6 | 53.8 | 53.7 | 52.2 | 53.1 | 52.4 | 52.3 | 52.2 | 52.7 | 52.7 | 53.0 | 53.3 | 53.4 | 53.4 | 53.5 | 53.3 | 53.2 | 52.9 | 25 |
| 52.8 | 52.5 | 53.0 | 52.5 | 53.4 | 54.4 | 55.2 | 55.4 | 55.5 | 55.7 | 56.7 | 56.5 | 56.6 | 56.3 | 56.6 | 56.5 | 56.5 | 56.1 | 55.7 | 55.8 | 55.0 | 55.0 | 55.3 | 55.0 | 26 |
| 54.8 | 55.0 | 55.0 | 55.2 | 55.5 | 55.6 | 56.0 | 56.8 | 58.1 | 58.0 | 60.2 | 60.2 | 59.2 | 58.6 | 59.3 | 57.0 | 56.3 | 56.0 | 55.0 | 54.5 | 54.1 | 54.0 | 52.7 | 56.3 | 27 |
| 50.6 | 52.1 | 51.4 | 51.5 | 52.5 | 54.4 | 56.0 | 58.2 | 61.1 | 62.0 | 61.4 | 61.3 | 60.5 | 60.6 | 59.4 | 59.2 | 59.0 | 57.9 | 56.6 | 57.8 | 56.0 | 58.2 | 58.1 | 57.0 | 28 |
| 57.0 | 57.0 | 57.6 | 56.3 | 56.9 | 58.4 | 58.5 | 57.5 | 57.1 | 57.1 | 56.4 | 59.1 | 59.4 | 59.6 | 59.4 | 59.2 | 58.7 | 57.8 | 58.2 | 57.0 | 57.0 | 56.6 | 56.0 | 57.8 | 29 |
| 58.3 | 57.3 | 57.4 | 58.0 | 58.5 | 60.0 | 60.0 | 60.1 | 60.6 | 60.8 | 60.5 | 60.2 | 60.2 | 60.0 | 59.5 | 59.6 | 59.4 | 59.0 | 58.4 | 58.6 | 58.5 | 58.1 | 57.6 | 59.1 | 30 |
| 58.4 | 58.3 | 58.2 | 57.9 | 55.7 | 58.0 | 59.8 | 60.0 | 60.2 | 60.6 | 60.9 | 61.4 | 61.0 | 60.4 | 60.6 | 60.3 | 59.0 | 59.0 | 58.3 | 58.1 | 58.3 | 58.3 | 57.9 | 59.1 | 31 |

Meteorological Office,
116, Victoria Street, Westminster. S.W.
ROBERT H. SCOTT. Secretary.

# ABERDEEN OBSERVATORY LAT: 57° 10′ N. LONG: 2° 6′ W.

## WIND

DIRECTION IN NUMBERS { 8 = E. 24 = W. / 16 = S. 32 = N. }

| DAYS. | 1 | | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | | 10 | | 11 | | NOON | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D |
| 1 | 26 | 5.5 | 26 | 6.5 | 22 | 5.5 | 22 | 9.5 | 22 | 8.5 | 21 | 7.5 | 21 | 11 | 21 | 7.5 | 22 | 8.5 | 25 | 7.5 | 28 | 8.5 | 26 | 7.5 | 12 |
| 2 | 22 | 7.5 | 22 | 4.5 | 23 | 7.5 | 23 | 8.5 | 25 | 7.5 | 24 | 8.5 | 25 | 11 | 26 | 13 | 26 | 17 | 28 | 16 | 28 | 14 | 25 | 6.5 | 27 |
| 3 | 25 | 4.5 | 25 | 4 | 25 | 4.5 | 23 | 5.5 | 23 | 7.5 | 25 | 5.5 | 25 | 6.5 | 25 | 6.5 | 25 | 10.5 | 27 | 11 | 26 | 10.5 | 12 | 10.5 | 14 |
| 4 | 16 | 4.5 | 17 | 6.5 | 17 | 8.5 | 18 | 10.5 | 17 | 10.5 | 17 | 9.5 | 16 | 10.5 | 17 | 11 | 16 | 11 | 15 | 14 | 16 | 11 | 16 | 13 | 16 |
| 5 | 18 | 6.5 | 16 | 8.5 | 14 | 15 | 15 | 9.5 | 16 | 7.5 | 15 | 11 | 16 | 15 | 16 | 16 | 15 | 17 | 16 | 19 | 15 | 23 | 16 | 15 | 16 |
| 6 | 16 | 13 | 15 | 11 | 15 | 13 | 16 | 13 | 16 | 11 | 15 | 15 | 16 | 12 | 16 | 11 | 17 | 15 | 17 | 14 | 16 | 18 | 16 | 19 | 16 |
| 7 | 17 | 4 | 17 | 4.5 | 23 | 4 | 23 | 4.5 | 23 | 3 | 23 | 6.5 | 24 | 7.5 | 25 | 6.5 | 26 | 8.5 | 27 | 5.5 | 13 | 9.5 | 14 | 10.5 | 13 |
| 8 | 25 | 8.5 | 25 | 4 | 25 | 4 | 25 | 6.5 | 23 | 8.5 | 23 | 8.5 | 22 | 8.5 | 25 | 11 | 24 | 12 | 25 | 13 | 24 | 12 | 26 | 10.5 | 24 |
| 9 | 25 | 4.5 | 25 | 6.5 | 25 | 9.5 | 25 | 5.5 | 25 | 9.5 | 25 | 10.5 | 24 | 13 | 26 | 17 | 26 | 20 | 27 | 20 | 27 | 15 | 27 | 15 | 26 |
| 10 | 16 | 6.5 | 16 | 5.5 | 16 | 5.5 | 17 | 8.5 | 17 | 8.5 | 18 | 5.5 | 18 | 5.5 | 19 | 8.5 | 17 | 6.5 | 16 | 9.5 | 12 | 12 | 13 | 11 | 12 |
| 11 | 28 | 8.5 | 28 | 7.5 | 28 | 5.5 | 28 | 4.5 | 28 | 5.5 | 28 | 6.5 | 28 | 7.5 | 28 | 3 | 28 | 4 | 11 | 6.5 | 12 | 8.5 | 12 | 6.5 | 12 |
| 12 | 10 | 3 | 10 | 3 | 10 | 2 | 10 | 4 | 10 | 5.5 | 10 | 4.5 | 10 | 4.5 | 8 | 6.5 | 7 | 5.5 | 10 | 6.5 | 10 | 5.5 | 9 | 6.5 | 10 |
| 13 | 30 | 8.5 | 30 | 10.5 | 29 | 12 | 28 | 10.5 | 28 | 7.5 | 28 | 10.5 | 28 | 6.5 | 28 | 4.5 | 5 | 6.5 | 6 | 8.5 | 6 | 8.5 | 6 | 8.5 | 6 |
| 14 | 30 | 6.5 | 30 | 4 | 30 | 4 | 30 | 3 | 30 | 3 | 30 | 3 | 30 | 3 | 30 | 4 | 3 | 4.5 | 4 | 6.5 | 9 | 6.5 | 10 | 6.5 | 11 |
| 15 | 12 | 3 | 5 | 5.5 | 1 | 6.5 | 32 | 5.5 | 1 | 5.5 | 29 | 5.5 | 29 | 4.5 | 3 | 9.5 | 3 | 9.5 | 5 | 10.5 | 5 | 8.5 | 6 | 8.5 | 7 |
| 16 | 10 | 2 | 10 | 4 | 10 | 4 | 10 | 4 | 10 | 4.5 | 10 | 3 | 8 | 5.5 | 8 | 5.5 | 7 | 4 | 7 | 6.5 | 6 | 10.5 | 6 | 10.5 | 7 |
| 17 | 1 | 6.5 | 32 | 5.5 | 32 | 5.5 | 32 | 6.5 | 32 | 6.5 | 2 | 9.5 | 31 | 7.5 | 31 | 6.5 | 31 | 8.5 | 31 | 8.5 | 32 | 8.5 | 32 | 11 | 30 |
| 18 | 32 | 6.5 | 32 | 6.5 | 32 | 4 | 32 | 5.5 | 32 | 5.5 | 32 | 5.5 | 32 | 5.5 | 32 | 5.5 | 31 | 5.5 | 1 | 7.5 | 2 | 4.5 | 2 | 4.5 | 5 |
| 19 | 16 | 5.5 | 16 | 4 | 16 | 4.5 | 16 | 4 | 16 | 3 | 16 | 2 | 16 | 4 | 16 | 4 | 13 | 3 | 13 | 3 | 14 | 3 | 15 | 8.5 | 16 |
| 20 | 17 | 5.5 | 17 | 5.5 | 17 | 8.5 | 17 | 7.5 | 17 | 5.5 | 17 | 4.5 | 17 | 4 | 17 | 4 | 14 | 4.5 | 11 | 6.5 | 12 | 5.5 | 10 | 6.5 | 11 |
| 21 | 11 | 7.5 | 11 | 6.5 | 11 | 5.5 | 11 | 7.5 | 11 | 5.5 | 11 | 3 | 11 | 3 | 11 | 4 | 11 | 3 | 11 | 5.5 | 12 | 9.5 | 12 | 9.5 | 12 |
| 22 | 24 | 5.5 | 25 | 5.5 | 26 | 7.5 | 29 | 8.5 | 29 | 6.5 | 27 | 6.5 | 27 | 6.5 | 28 | 7.5 | 28 | 7.5 | 32 | 8.5 | 6 | 11 | 6 | 11 | 6 |
| 23 | 1 | 6.5 | 1 | 4 | 1 | 3 | 1 | 6.5 | 31 | 7.5 | 30 | 6.5 | 30 | 6.5 | 32 | 7.5 | 32 | 11 | 32 | 9.5 | 31 | 8.5 | 3 | 10.5 | 6 |
| 24 | 31 | 5.5 | 31 | 6.5 | 31 | 4 | 31 | 6.5 | 32 | 5.5 | 32 | 5.5 | 32 | 5.5 | 30 | 6.5 | 28 | 7.5 | 28 | 4.5 | 2 | 5.5 | 31 | 5.5 | 3 |
| 25 | 6 | 5.5 | 6 | 5.5 | 6 | 4.5 | 6 | 4.5 | 6 | 4 | 6 | 3 | 6 | 2 | 6 | 3 | 6 | 4 | 6 | 4.5 | 10 | 8.5 | 11 | 8.5 | 10 |
| 26 | 12 | 4.5 | 12 | 6.5 | 12 | 4.5 | 12 | 4.5 | 17 | 4 | 17 | 3 | 17 | 4.5 | 15 | 8.5 | 13 | 9.5 | 13 | 8.5 | 13 | 7.5 | 10 | 8.5 | 13 |
| 27 | 12 | 7.5 | 12 | 6.5 | 12 | 4.5 | 12 | 7.5 | 12 | 8.5 | 12 | 8.5 | 26 | 11 | 26 | 4.5 | 26 | 5.5 | 26 | 4 | 6 | 4.5 | 6 | 5.5 | 6 |
| 28 | 11 | 4.5 | 11 | 7.5 | 11 | 5.5 | 11 | 3 | 11 | 4 | 11 | 3 | 11 | 3 | 11 | 2 | 11 | 3 | 11 | 6.5 | 11 | 11 | 13 | 13 | 13 |
| 29 | 16 | 4.5 | 16 | 5.5 | 16 | 4.5 | 16 | 4 | 16 | 3 | 16 | 4 | 16 | 6.5 | 13 | 10.5 | 13 | 15 | 13 | 15 | 14 | 14 | 14 | 13 | 13 |
| 30 | 13 | 4.5 | 13 | 6.5 | 13 | 4 | 13 | 4 | 13 | 4 | 13 | 4 | 13 | 5.5 | 13 | 10.5 | 12 | 10.5 | 13 | 14 | 13 | 14 | 13 | 15 | 12 |
| 31 | 13 | 4.5 | 13 | 6.5 | 13 | 7.5 | 13 | 6.5 | 13 | 5.5 | 13 | 4.5 | 13 | 5.5 | 13 | 7.5 | 13 | 9.5 | 13 | 8.5 | 12 | 9.5 | 14 | 11 | 13 |

## RAINFALL

RAIN GAUGE { HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 48 FEET.

| DAYS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | . | . | . | . | . | . | . | . | . | . | . | ·025 | . | ·005 | . | . | . | . | . | . | . | . | . | . |
| 2 | ·010 | . | . | . | . | . | . | . | . | . | . | ·040 | ·050 | . | ·340 | ·015 | ·025 | . | . | . | . | . | . | . |
| 3 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 4 | . | . | ·005 | ·005 | . | . | . | . | . | . | . | . | ·010 | . | . | . | . | . | . | . | . | ·010 | ·005 | . |
| 5 | . | . | . | . | . | . | . | . | . | . | . | ·010 | . | . | . | . | . | . | . | . | . | . | . | . |
| 6 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | ·030 | ·010 | ·005 | ·005 | . | . |
| 7 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 8 | . | . | . | . | . | . | . | . | . | . | . | . | ·030 | ·020 | ·020 | ·005 | . | ·005 | . | . | . | . | . | . |
| 9 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 10 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 11 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 12 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 13 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 14 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 15 | . | . | . | . | . | . | . | . | . | . | . | ·005 | . | . | . | . | . | ·005 | . | . | . | ·005 | . | . |
| 16 | ·005 | ·005 | ·005 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | ·005 | . | . |
| 17 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 18 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 19 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 20 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 21 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 22 | . | . | . | . | . | . | . | . | . | . | . | . | ·015 | ·005 | . | . | . | . | . | . | . | . | . | ·010 |
| 23 | ·020 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 24 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 25 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 26 | . | . | . | ·030 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | ·005 |
| 27 | ·010 | ·010 | ·005 | . | ·015 | ·015 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | ·010 |
| 28 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 29 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 30 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 31 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |

* Record defective or Instrument out of action. † Obtained from reading of Standard. ‡ Approximate.

# HOURLY VALUES AUGUST 1880.

## AND VELOCITY IN MILES PER HOUR.

| 3 | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | | 10 | | 11 | | MIDT. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | DAYS |
| 8.5 | 26 | 11 | 24 | 12 | 24 | 12 | 26 | 14 | 26 | 9.5 | 26 | 7.5 | 26 | 5.5 | 24 | 5.5 | 24 | 7.5 | 22 | 7.5 | 1 |
| 9.5 | 23 | 9.5 | 27 | 5.5 | 24 | 5.5 | 5 | 4.5 | 5 | 4 | 2 | 4 | 2 | 3 | 1 | 5.5 | 28 | 5.5 | 25 | 4.5 | 2 |
| 10.5 | 12 | 11 | 11 | 12 | 10 | 11 | 11 | 11 | 11 | 10.5 | 12 | 10.5 | 12 | 7.5 | 12 | 4 | 12 | 3 | 14 | 5.5 | 3 |
| 13 | 15 | 10.5 | 16 | 10.5 | 16 | 4.5 | 14 | 6.5 | 15 | 9.5 | 16 | 9.5 | 16 | 7.5 | 18 | 9.5 | 17 | 6.5 | 18 | 7.5 | 4 |
| 18 | 16 | 15 | 16 | 12 | 16 | 12 | 16 | 14 | 17 | 13 | 18 | 10.5 | 19 | 11 | 18 | 12 | 16 | 9.5 | 15 | 9.5 | 5 |
| 15 | 15 | 17 | 15 | 17 | 15 | 15 | 16 | 12 | 15 | 11 | 17 | 5.5 | 17 | 4.5 | 17 | 4 | 17 | 3 | 17 | 3 | 6 |
| 13 | 13 | 12 | 14 | 11 | 15 | 6.5 | 16 | 5.5 | 18 | 5.5 | 19 | 4.5 | 24 | 8.5 | 25 | 12 | 25 | 7.5 | 25 | 10.5 | 7 |
| 6.5 | 18 | 7.5 | 12 | 8.5 | 24 | 12 | 25 | 11 | 24 | 9.5 | 25 | 11 | 25 | 12 | 25 | 7.5 | 26 | 9.5 | 25 | 8.5 | 8 |
| 12 | 27 | 11 | 27 | 9.5 | 28 | 4.5 | 12 | 7.5 | 14 | 7.5 | 14 | 6.5 | 11 | 4.5 | 11 | 4 | 11 | 4 | 16 | 13 | 9 |
| 6.5 | 7 | 4.5 | 8 | 4 | 8 | 2 | 4 | 6.5 | 4 | 4.5 | 32 | 4.5 | 28 | 10.5 | 28 | 7.5 | 28 | 9.5 | 28 | 8.5 | 10 |
| 8.5 | 13 | 5.5 | 10 | 5.5 | 10 | 5.5 | 10 | 4.5 | 10 | 3 | 10 | 3 | 10 | 2 | 10 | 3 | 10 | 4.5 | 10 | 4.5 | 11 |
| 7.5 | 8 | 8.5 | 8 | 6.5 | 8 | 4.5 | 8 | 4.5 | 8 | 4 | 8 | 3 | 30 | 4.5 | 30 | 5.5 | 30 | 5.5 | 30 | 7.5 | 12 |
| 5.5 | 6 | 7.5 | 7 | 9.5 | 7 | 10.5 | 7 | 5.5 | 7 | 4.5 | 7 | 4 | 7 | 4.5 | 32 | 6.5 | 32 | 7.5 | 30 | 6.5 | 13 |
| 7.5 | 12 | 9.5 | 12 | 7.5 | 11 | 6.5 | 12 | 5.5 | 12 | 4 | 12 | 3 | 12 | 4 | 12 | 4.5 | 12 | 3 | 12 | 2 | 14 |
| 8.5 | 7 | 8.5 | 8 | 8.5 | 8 | 6.5 | 9 | 5.5 | 10 | 6.5 | 10 | 4.5 | 10 | 4 | 10 | 3 | 10 | 2 | 10 | 2 | 15 |
| 10.5 | 7 | 8.5 | 7 | 10.5 | 4 | 11 | 5 | 12 | 4 | 9.5 | 2 | 6.5 | 3 | 10.5 | 4 | 9.5 | 2 | 5.5 | 1 | 6.5 | 16 |
| 10.5 | 2 | 10.5 | 32 | 9.5 | 30 | 8.5 | 30 | 7.5 | 29 | 8.5 | 29 | 8.5 | 29 | 8.5 | 32 | 7.5 | 30 | 8.5 | 32 | 7.5 | 17 |
| 5.5 | 10 | 5.5 | 11 | 7.5 | 11 | 5.5 | 11 | 6.5 | 11 | 5.5 | 11 | 5.5 | 11 | 4.5 | 11 | 4.5 | 11 | 4.5 | 14 | 4.5 | 18 |
| 12 | 16 | 13 | 15 | 14 | 15 | 12 | 17 | 14 | 16 | 11 | 17 | 11 | 18 | 9.5 | 17 | 7.5 | 17 | 5.5 | 17 | 8.5 | 19 |
| 7.5 | 10 | 5.5 | 11 | 6.5 | 11 | 5.5 | 11 | 5.5 | 11 | 4 | 11 | 3 | 11 | 3 | 11 | 4.5 | 11 | 5.5 | 11 | 6.5 | 20 |
| 9.5 | 14 | 7.5 | 15 | 9.5 | 17 | 4.5 | 17 | 3 | 17 | 2 | 17 | 2 | 17 | 7.5 | 17 | 3 | 17 | 4 | 24 | 5.5 | 21 |
| 4 | 4 | 4 | 9 | 4.5 | 9 | 4 | 9 | 2 | 9 | 2 | 9 | 4 | 9 | 2 | 9 | 3 | 9 | 4.5 | 2 | 4.5 | 22 |
| 10.5 | 6 | 9.5 | 3 | 10.5 | 1 | 9.5 | 2 | 9.5 | 2 | 8.5 | 2 | 6.5 | 2 | 6.5 | 1 | 6.5 | 1 | 6.5 | 31 | 6.5 | 23 |
| 4.5 | 7 | 5.5 | 7 | 8.5 | 7 | 9.5 | 7 | 9.5 | 6 | 5.5 | 6 | 4.5 | 6 | 2 | 6 | 3 | 6 | 3 | 6 | 4 | 24 |
| 10.5 | 11 | 7.5 | 11 | 7.5 | 11 | 8.5 | 11 | 8.5 | 12 | 7.5 | 12 | 5.5 | 12 | 4 | 12 | 3 | 12 | 3 | 12 | 4 | 25 |
| 11 | 14 | 8.5 | 13 | 6.5 | 13 | 6.5 | 12 | 4.5 | 12 | 4 | 12 | 4.5 | 12 | 4 | 12 | 4.5 | 12 | 7.5 | 12 | 6.5 | 26 |
| 6.5 | 10 | 4.5 | 11 | 4.5 | 11 | 4.5 | 11 | 4.5 | 11 | 3 | 11 | 4 | 11 | 3 | 11 | 2 | 11 | 2 | 11 | 4 | 27 |
| 12 | 13 | 12 | 14 | 11 | 14 | 12 | 14 | 6.5 | 14 | 7.5 | 14 | 5.5 | 14 | 5.5 | 14 | 6.5 | 15 | 6.5 | 16 | 5.5 | 28 |
| 11 | 13 | 12 | 13 | 10.5 | 13 | 9.5 | 13 | 11 | 13 | 7.5 | 13 | 8.5 | 13 | 8.5 | 13 | 5.5 | 13 | 4 | 13 | 4 | 29 |
| 9.5 | 13 | 9.5 | 12 | 6.5 | 12 | 8.5 | 12 | 10.5 | 12 | 8.5 | 12 | 7.5 | 12 | 6.5 | 13 | 4.5 | 13 | 3 | 13 | 4.5 | 30 |
| 11 | 13 | 12 | 14 | 12 | 15 | 12 | 14 | 10.5 | 15 | 6.5 | 15 | 9.5 | 15 | 10.5 | 15 | 11 | 16 | 9.5 | 16 | 8.5 | 31 |

# VAPOUR TENSION IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

| 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT | DAYS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ·301 | ·287 | ·288 | ·283 | ·281 | ·274 | ·284 | ·284 | ·287 | ·296 | ·320 | ·327 | ·350 | ·292 | ·293 | ·307 | ·306 | ·320 | ·314 | ·313 | ·313 | ·308 | ·318 | 1 |
| ·317 | ·313 | ·313 | ·318 | ·313 | ·310 | ·312 | ·309 | ·315 | ·305 | ·319 | ·342 | ·328 | ·342 | ·369 | ·404 | ·347 | ·365 | ·371 | ·359 | ·349 | ·360 | ·343 | 2 |
| ·324 | ·316 | ·305 | ·314 | ·330 | ·331 | ·335 | ·344 | ·356 | ·352 | ·395 | ·363 | ·341 | ·362 | ·383 | ·373 | ·372 | ·374 | ·376 | ·390 | ·397 | ·393 | ·384 | 3 |
| ·379 | ·375 | ·383 | ·386 | ·394 | ·406 | ·411 | ·432 | ·447 | ·447 | ·443 | ·470 | ·462 | ·477 | ·466 | ·484 | ·482 | ·457 | ·456 | ·454 | ·459 | ·458 | ·451 | 4 |
| ·442 | ·431 | ·431 | ·438 | ·454 | ·465 | ·471 | ·459 | ·471 | ·462 | ·474 | ·486 | ·483 | ·478 | ·457 | ·427 | ·441 | ·439 | ·416 | ·419 | ·428 | ·430 | ·426 | 5 |
| ·422 | ·420 | ·418 | ·415 | ·414 | ·418 | ·419 | ·435 | ·443 | ·434 | ·433 | ·450 | ·443 | ·445 | ·433 | ·440 | ·431 | ·441 | ·435 | ·430 | ·435 | ·430 | ·430 | 6 |
| ·392 | ·390 | ·371 | ·353 | ·348 | ·355 | ·323 | ·335 | ·341 | ·357 | ·356 | ·334 | ·326 | ·330 | ·333 | ·372 | ·376 | ·385 | ·395 | ·378 | ·331 | ·351 | ·360 | 7 |
| ·366 | ·353 | ·340 | ·340 | ·354 | ·361 | ·360 | ·348 | ·343 | ·357 | ·381 | ·426 | ·400 | ·458 | ·460 | ·391 | ·367 | ·394 | ·367 | ·372 | ·369 | ·354 | ·344 | 8 |
| ·333 | ·318 | ·307 | ·312 | ·325 | ·354 | ·348 | ·336 | ·324 | ·298 | ·294 | ·315 | ·316 | ·320 | ·321 | ·329 | ·340 | ·341 | ·344 | ·374 | ·403 | ·373 | ·371 | 9 |
| ·330 | ·339 | ·336 | ·343 | ·368 | ·405 | ·416 | ·434 | ·470 | ·496 | ·492 | ·501 | ·507 | ·499 | ·575 | ·522 | ·493 | ·480 | ·471 | ·478 | ·484 | ·489 | ·472 | 10 |
| ·490 | ·492 | ·501 | ·486 | ·497 | ·506 | ·522 | ·476 | ·526 | ·536 | ·521 | ·508 | ·513 | ·478 | ·500 | ·492 | ·486 | ·497 | ·492 | ·480 | ·484 | ·475 | ·481 | 11 |
| ·501 | ·485 | ·478 | ·475 | ·500 | ·500 | ·472 | ·506 | ·493 | ·467 | ·443 | ·434 | ·440 | ·449 | ·469 | ·482 | ·488 | ·494 | ·481 | ·459 | ·436 | ·421 | ·409 | 12 |
| ·385 | ·371 | ·373 | ·371 | ·380 | ·420 | ·487 | ·439 | ·432 | ·439 | ·459 | ·456 | ·440 | ·445 | ·458 | ·466 | ·450 | ·439 | ·435 | ·417 | ·397 | ·387 | ·379 | 13 |
| ·406 | ·415 | ·416 | ·416 | ·410 | ·411 | ·412 | ·412 | ·411 | ·403 | ·413 | ·422 | ·422 | ·424 | ·410 | ·412 | ·410 | ·419 | ·419 | ·428 | ·402 | ·391 | ·402 | 14 |
| ·401 | ·388 | ·386 | ·381 | ·384 | ·396 | ·431 | ·427 | ·412 | ·420 | ·415 | ·421 | ·426 | ·415 | ·410 | ·428 | ·417 | ·400 | ·399 | ·399 | ·402 | ·410 | ·412 | 15 |
| ·415 | ·402 | ·403 | ·405 | ·403 | ·390 | ·405 | ·404 | ·419 | ·409 | ·388 | ·377 | ·367 | ·373 | ·368 | ·380 | ·376 | ·387 | ·399 | ·406 | ·381 | ·382 | ·389 | 16 |
| ·377 | ·382 | ·383 | ·374 | ·393 | ·397 | ·407 | ·407 | ·401 | ·391 | ·392 | ·387 | ·393 | ·389 | ·396 | ·394 | ·387 | ·381 | ·380 | ·396 | ·370 | ·351 | ·369 | 17 |
| ·361 | ·374 | ·359 | ·351 | ·342 | ·342 | ·338 | ·341 | ·343 | ·339 | ·348 | ·347 | ·353 | ·345 | ·342 | ·339 | ·338 | ·335 | ·338 | ·336 | ·343 | ·352 | ·355 | 18 |
| ·361 | ·350 | ·338 | ·345 | ·357 | ·374 | ·384 | ·387 | ·392 | ·404 | ·414 | ·426 | ·419 | ·405 | ·379 | ·386 | ·371 | ·361 | ·374 | ·373 | ·375 | ·389 | ·390 | 19 |
| ·390 | ·386 | ·389 | ·379 | ·372 | ·383 | ·384 | ·412 | ·412 | ·405 | ·435 | ·430 | ·444 | ·437 | ·442 | ·445 | ·456 | ·433 | ·406 | ·413 | ·386 | ·362 | ·348 | 20 |
| ·326 | ·307 | ·316 | ·348 | ·370 | ·389 | ·401 | ·429 | ·446 | ·416 | ·392 | ·445 | ·429 | ·398 | ·373 | ·370 | ·397 | ·439 | ·433 | ·445 | ·454 | ·429 | ·412 | 21 |
| ·415 | ·420 | ·420 | ·414 | ·403 | ·410 | ·407 | ·409 | ·395 | ·417 | ·422 | ·446 | ·458 | ·431 | ·422 | ·428 | ·418 | ·427 | ·430 | ·435 | ·438 | ·430 | ·431 | 22 |
| ·419 | ·419 | ·410 | ·376 | ·392 | ·396 | ·395 | ·380 | ·368 | ·385 | ·383 | ·402 | ·391 | ·399 | ·390 | ·376 | ·371 | ·351 | ·342 | ·355 | ·363 | ·367 | ·358 | 23 |
| ·352 | ·343 | ·332 | ·339 | ·350 | ·354 | ·352 | ·334 | ·324 | ·330 | ·330 | ·326 | ·367 | ·384 | ·387 | ·382 | ·383 | ·393 | ·391 | ·395 | ·396 | ·392 | ·384 | 24 |
| ·380 | ·380 | ·374 | ·370 | ·374 | ·369 | ·378 | ·378 | ·370 | ·320 | ·350 | ·332 | ·328 | ·326 | ·338 | ·343 | ·352 | ·369 | ·372 | ·375 | ·384 | ·380 | ·382 | 25 |
| ·377 | ·367 | ·388 | ·380 | ·394 | ·402 | ·406 | ·423 | ·415 | ·399 | ·421 | ·407 | ·409 | ·410 | ·427 | ·425 | ·430 | ·428 | ·421 | ·422 | ·411 | ·416 | ·420 | 26 |
| ·416 | ·419 | ·419 | ·419 | ·428 | ·424 | ·429 | ·433 | ·453 | ·453 | ·499 | ·497 | ·485 | ·478 | ·498 | ·464 | ·452 | ·448 | ·433 | ·420 | ·414 | ·415 | ·386 | 27 |
| ·360 | ·384 | ·373 | ·379 | ·392 | ·423 | ·440 | ·467 | ·501 | ·500 | ·478 | ·474 | ·463 | ·463 | ·451 | ·457 | ·456 | ·456 | ·440 | ·467 | ·464 | ·459 | ·456 | 28 |
| ·455 | ·459 | ·473 | ·449 | ·455 | ·476 | ·466 | ·425 | ·396 | ·388 | ·412 | ·450 | ·471 | ·472 | ·488 | ·488 | ·475 | ·466 | ·468 | ·431 | ·447 | ·450 | ·440 | 29 |
| ·480 | ·465 | ·469 | ·479 | ·484 | ·503 | ·495 | ·495 | ·500 | ·496 | ·490 | ·493 | ·494 | ·490 | ·489 | ·489 | ·486 | ·487 | ·460 | ·472 | ·469 | ·464 | ·460 | 30 |
| ·480 | ·482 | ·480 | ·473 | ·437 | ·473 | ·496 | ·484 | ·484 | ·480 | ·481 | ·497 | ·489 | ·486 | ·484 | ·485 | ·465 | ·470 | ·466 | ·462 | ·464 | ·463 | ·458 | 31 |

Meteorological Office,
116, Victoria Street, Westminster. S. W.
ROBERT H. SCOTT, Secretary.

# FALMOUTH OBSERVATORY LAT: 50° 9′ N. LONG: 5° 4′

## BAROMETER

| DAYS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 29.444 | 29.424 | 29.410 | 29.400 | 29.396 | 29.394 | 29.398 | 29.414 | 29.422 | 29.438 | 29.459 | 29.465 | 29. |
| 2 | .505 | .491 | .483 | .483 | .487 | .509 | .519 | .529 | .541 | .551 | .571 | .579 | . |
| 3 | .701 | .691 | .699 | .704 | .719 | .727 | .737 | .745 | .755 | .755 | .765 | .769 | |
| 4 | .769 | .749 | .735 | .726 | .725 | .727 | .729 | .731 | .725 | .727 | .722 | .714 | |
| 5 | .654 | .634 | .614 | .604 | .605 | .616‡ | .608 | .604 | .600 | .600 | .594 | .582 | |
| 6 | .512 | .486 | .472 | .475 | .475 | .476 | .474 | .472 | .465 | .458 | .458 | .468 | . |
| 7 | .540 | .520 | .510 | .502 | .485 | .460 | .434 | .386 | .344 | .285 | .272 | .248 | . |
| 8 | .516 | .518 | .524 | .544 | .550 | .570 | .588 | .600 | .608 | .622 | .634 | .648 | . |
| 9 | 29.736 | 29.724 | 29.724 | 29.736 | 29.752 | 29.764 | 29.788 | 29.810 | 29.826 | 29.834 | 29.851 | 29.869 | 29. |
| 10 | 30.035 | 30.051 | 30.047 | 30.049 | 30.069 | 30.087 | 30.101 | 30.109 | 30.117 | 30.117 | 30.116 | 30.113 | 30. |
| 11 | 30.062 | 30.058 | 30.052 | 30.044 | 30.036 | 30.040 | 30.048 | 30.050 | 30.040 | 30.032 | * | †30.034 | |
| 12 | ‡29.982 | ‡29.979 | ‡29.972 | ‡29.959 | ‡29.962 | ‡29.962 | ‡29.968 | ‡29.979 | ‡29.975 | ‡29.986 | ‡29.991 | ‡29.984 | |
| 13 | - - - | - - - | - - - | * | - - - | - - - | - - - | † .949 | * | † .936 | .938 | .925 | 29. |
| 14 | .897 | .891 | .885 | .885 | .885 | .889 | .887 | .903 | .909 | .911 | .908 | .908 | . |
| 15 | .861 | .862 | .865 | .844 | .846 | .848 | .852 | .858 | .860 | .868 | .868 | .865 | . |
| 16 | .850 | .847 | .842 | .836 | .838 | .842 | .845 | .854 | .854 | .854 | .850 | .845 | . |
| 17 | .842 | .834 | .829 | .825 | .830 | .832 | .840 | .852 | .855 | .859 | .850 | .848 | . |
| 18 | .838 | .837 | .836 | .832 | .825 | .835 | .840 | .862 | .865 | .868 | .864 | .865 | . |
| 19 | .838 | .835 | .828 | .810 | .810 | .820 | .828 | .830 | .837 | .838 | .852 | .844 | . |
| 20 | .832 | .828 | .822 | .817 | .815 | .830 | .842 | .850 | .860 | .850 | .847 | .835 | . |
| 21 | .854 | .851 | .841 | .839 | .837 | .841 | .843 | .852 | .847 | .865 | .850 | .844 | . |
| 22 | .797 | .802 | .800 | .795 | .797 | .802 | .806 | .824 | .824 | .824 | .826 | .824 | . |
| 23 | .798 | .786 | .777 | .772 | .765 | .768 | .775 | .788 | .786 | .784 | .784 | .783 | . |
| 24 | .778 | .785 | .766 | .762 | .762 | .768 | .776 | .793 | .788 | .791 | .794 | .790 | . |
| 25 | .760 | .751 | .738 | .725 | .720 | .716 | .716 | .732 | .730 | .727 | .723 | .716 | |
| 26 | .659 | .636 | .625 | .632 | - - - | - - - | * | - - - | - - - | .659 | .662 | .670 | . |
| 27 | .782 | .790 | .796 | .812 | .820 | 29.832 | 29.852 | 29.882 | 29.902 | 29.912 | 29.920 | † .927 | * |
| 28 | .994 | .988 | .982 | .982 | .985 | 30.004 | 30.004 | 30.010 | 30.012 | 30.010 | 30.003 | .986 | . |
| 29 | .897 | .889 | .873 | .853 | .844 | 29.841 | 29.833 | 29.837 | 29.839 | 29.825 | 29.833 | .820 | . |
| 30 | .744 | .742 | .736 | .728 | .732 | .741 | .750 | .754 | .762 | .760 | .760 | .763 | . |
| 31 | 29.790 | 29.786 | 29.792 | 29.796 | 29.808 | 29.828 | 29.840 | 29.843 | 29.858 | 29.868 | 29.870 | 29.876 | 29. |

## DRY BULB THERMOMETER

11 FEET ABOVE GROUND

| DAYS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 57.4 | 57.5 | 57.0 | 57.7 | 57.8 | 58.0 | 60.1 | 61.0 | 62.0 | 62.9 | 63.0 | 62.9 | 63.7 | 63.8 | 63.4 | 63.8 | 63.0 | 62.2 | 61.0 | 59.9 | 59.0 | 58.1 | 59.3 | 59.0 |
| 2 | 59.1 | 59.0 | 58.9 | 58.9 | 58.6 | 58.7 | 59.1 | 60.5 | 61.0 | 62.1 | 62.6 | 62.9 | 63.1 | 62.7 | 62.7 | 62.1 | 61.3 | 61.0 | 60.3 | 58.7 | 58.0 | 57.6 | 58.1 | 57.2 |
| 3 | 58.0 | 59.6 | 59.0 | 58.0 | 57.8 | 58.2 | 60.3 | 62.0 | 63.0 | 64.9 | 67.0 | 67.9 | 66.6 | 66.6 | 67.2 | 65.8 | 64.1 | 63.7 | 63.2 | 62.3 | 61.7 | 61.1 | 60.9 | 60.4 |
| 4 | 60.0 | 59.6 | 58.9 | 59.0 | 58.9 | 59.0 | 60.0 | 61.3 | 63.3 | 64.5 | 66.0 | 66.5 | 66.0 | 64.7 | 65.0 | 63.7 | 62.0 | 61.5 | 61.7 | 61.1 | 60.9 | 60.7 | 60.7 | 60.7 |
| 5 | 59.9 | 59.9 | 59.6 | 59.7 | 59.5 | 59.7 | 60.0 | 61.7 | 62.5 | 64.7 | 65.0 | 65.2 | 67.0 | 65.9 | 65.5 | 65.7 | 67.8 | 66.7 | 64.0 | 63.0 | 62.7 | 62.1 | 61.9 | 61.5 |
| 6 | 60.7 | 59.8 | 59.1 | 59.0 | 59.0 | 59.5 | 60.2 | 60.8 | 60.4 | 62.0 | 65.0 | 64.9 | 64.7 | 63.5 | 64.0 | 63.0 | 62.7 | 62.2 | 61.0 | 59.0 | 58.0 | 58.0 | 57.8 | 57.0 |
| 7 | 56.8 | 55.8 | 57.1 | 57.3 | 57.1 | 56.8 | 57.9 | 57.0 | 57.7 | 59.6 | 64.0 | 64.3 | 64.0 | 64.4 | 64.3 | 63.0 | 59.4 | 58.9 | 58.5 | 58.0 | 58.0 | 58.2 | 58.2 | 58.0 |
| 8 | 57.7 | 57.0 | 56.9 | 56.7 | 56.2 | 57.7 | 59.0 | 60.3 | 62.0 | 62.7 | 63.1 | 64.0 | 64.8 | 64.6 | 64.7 | 63.7 | 63.0 | 62.6 | 60.7 | 58.9 | 58.4 | 58.2 | 58.2 | 58.4 |
| 9 | 58.6 | 57.9 | 57.7 | 57.6 | 57.0 | 57.1 | 57.9 | 58.7 | 59.2 | 60.6 | 62.0 | 62.5 | 64.5 | 63.5 | 63.0 | 61.9 | 61.0 | 59.5 | 60.0 | 58.4 | 59.0 | 57.0 | 57.3 | 58.2 |
| 10 | 58.0 | 58.0 | 58.6 | 58.1 | 58.0 | 58.3 | 58.8 | 59.7 | 60.3 | 63.0 | 64.8 | 64.0 | 64.0 | 64.3 | 64.0 | 63.3 | 64.5 | 66.3 | 65.4 | 61.9 | 60.7 | 60.6 | 59.9 | 59.0 |
| 11 | 58.0 | 57.8 | 58.1 | 57.9 | 57.4 | 57.6 | 61.0 | 64.9 | 67.3 | 68.3 | 68.1 | 68.3 | 70.0 | 70.6 | 70.2 | 68.4 | 68.0 | 66.9 | 65.9 | 65.0 | 64.1 | 63.3 | 62.7 | 63.7 |
| 12 | 63.7 | 63.8 | 64.0 | 63.2 | 62.0 | 61.6 | 62.2 | 62.6 | 63.0 | 63.3 | 64.3 | 65.2 | 65.0 | 65.0 | 65.4 | 64.8 | 65.0 | 64.4 | 65.0 | 63.7 | 61.3 | 60.8 | 62.5 | 63.5 |
| 13 | 63.7 | 63.4 | 63.2 | 63.0 | 63.0 | 63.5 | 65.4 | 66.8 | 69.3 | 70.8 | 72.2 | 72.5 | 72.8 | 73.1 | 72.0 | 71.4 | 70.2 | 68.2 | 66.4 | 64.1 | 63.2 | 62.3 | 62.3 | 62.3 |
| 14 | 62.8 | 63.0 | 62.7 | 62.0 | 62.2 | 63.0 | 65.0 | 66.8 | 67.7 | 67.0 | 68.0 | 67.9 | 67.7 | 66.6 | 66.5 | 65.8 | 65.1 | 64.2 | 64.0 | 63.0 | 61.9 | 61.5 | 63.0 | 63.0 |
| 15 | 64.8 | 64.3 | 64.5 | 64.1 | 64.1 | 63.0 | 64.0 | 64.5 | 64.0 | 64.0 | 66.5 | 65.5 | 65.8 | 67.0 | 67.0 | 66.8 | 65.0 | 66.1 | 65.9 | 65.5 | 65.1 | 64.7 | 64.9 | 64.9 |
| 16 | 64.0 | 63.4 | 63.2 | 62.5 | 62.0 | 61.7 | 61.4 | 61.7 | 62.3 | 62.6 | 63.4 | 63.7 | 63.6 | 63.6 | 63.3 | 62.8 | 62.7 | 62.6 | 62.5 | 62.0 | 62.0 | 61.9 | 62.0 | 61.5 |
| 17 | 62.3 | 62.5 | 62.1 | 62.2 | 62.0 | 61.4 | 61.7 | 62.0 | 62.4 | 62.5 | 63.9 | 65.3 | 66.5 | 66.4 | 67.0 | 67.6 | 67.5 | 67.1 | 67.1 | 67.0 | 65.6 | 65.2 | 65.1 | 64.0 |
| 18 | 63.3 | 62.9 | 61.8 | 61.3 | 61.0 | 60.6 | 60.6 | 60.6 | 61.0 | 61.1 | 61.4 | 61.4 | 62.0 | 63.2 | 63.5 | 63.7 | 63.7 | 63.8 | 64.0 | 63.6 | 63.6 | 63.4 | 62.3 | 62.0 |
| 19 | 61.3 | 60.6 | 60.0 | 59.3 | 59.6 | 59.3 | 59.1 | 59.1 | 58.6 | 60.5 | 61.8 | 62.4 | 63.3 | 64.3 | 64.4 | 65.1 | 65.1 | 64.6 | 63.6 | 62.9 | 62.3 | 61.4 | 61.1 | 59.7 |
| 20 | 58.6 | 57.4 | 56.6 | 57.0 | 57.0 | 57.4 | 59.3 | 60.7 | 62.6 | 63.4 | 64.9 | 65.4 | 65.5 | 66.3 | 67.4 | 65.6 | 65.0 | 64.3 | 64.2 | 62.3 | 60.7 | 60.5 | 59.6 | 59.3 |
| 21 | 59.6 | 59.3 | 58.3 | 57.0 | 57.5 | 58.0 | 58.0 | 60.6 | 64.0 | 64.4 | 64.1 | 64.7 | 65.3 | 64.2 | 65.2 | 65.5 | 66.6 | 67.0 | 66.1 | 64.9 | 63.7 | 62.6 | 61.8 | 61.2 |
| 22 | 61.3 | 60.2 | 59.5 | 58.9 | 57.3 | 57.2 | 58.0 | 59.8 | 60.7 | 64.1 | 65.3 | 66.7 | 66.6 | 66.3 | 67.0 | 66.3 | 65.6 | 65.5 | 64.9 | 63.7 | 63.7 | 63.2 | 63.1 | 63.6 |
| 23 | 63.0 | 62.4 | 61.9 | 61.0 | 60.4 | 60.3 | 60.0 | 59.7 | 60.0 | 60.7 | 60.7 | 60.8 | 61.6 | 61.6 | 62.1 | 62.0 | 61.9 | 62.1 | 62.0 | 62.2 | 62.0 | 61.7 | 61.6 | 61.5 |
| 24 | 61.8 | 61.3 | 61.1 | 60.9 | 60.4 | 60.0 | 60.0 | 59.7 | 60.0 | 60.2 | 61.1 | 60.7 | 60.6 | 60.6 | 60.6 | 60.6 | 59.9 | 60.0 | 60.0 | 60.4 | 61.0 | 61.3 | 61.3 | 61.2 |
| 25 | 61.3 | 61.4 | 61.4 | 61.3 | 60.6 | 60.4 | 59.6 | 59.7 | 60.0 | 60.2 | 61.0 | †60.4 | †60.6 | †60.5 | 61.7 | 61.0 | 61.8 | 61.3 | 60.7 | 60.6 | 60.4 | 60.7 | 60.7 | 61.1 |
| 26 | 61.6 | 62.0 | 61.9 | 61.3 | 61.3 | 61.1 | 60.9 | 61.3 | 62.0 | 61.3 | 61.7 | 61.9 | 62.3 | 64.0 | †64.7 | †64.0 | †64.9 | 64.5 | 62.9 | 62.1 | 60.8 | 59.3 | 59.3 | 59.5 |
| 27 | 60.1 | 59.9 | 59.7 | 59.4 | 59.8 | 59.3 | 60.4 | 63.2 | 63.6 | 63.9 | 63.4 | 65.5 | 65.9 | 66.0 | 66.0 | 65.8 | 64.4 | 63.8 | 63.3 | 62.5 | 62.2 | 62.2 | 62.1 | 62.2 |
| 28 | 61.4 | 60.9 | 61.3 | 61.4 | 62.3 | 61.5 | 62.9 | 65.6 | 66.5 | 67.6 | 68.8 | 68.6 | 69.2 | 69.3 | 66.9 | 65.0 | 64.3 | 64.1 | 64.0 | 63.9 | 63.6 | 62.2 | 62.1 | 61.0 |
| 29 | 61.3 | 61.6 | 61.7 | 62.6 | 62.4 | 61.5 | 63.6 | 63.9 | 65.6 | 66.7 | 67.5 | 67.0 | 67.2 | 68.9 | 68.0 | 67.6 | 67.5 | 66.4 | 66.0 | 62.0 | 62.2 | 61.7 | 61.8 | 61.0 |
| 30 | 60.6 | 59.1 | 59.6 | 60.4 | 59.5 | 58.4 | 60.3 | 62.3 | 66.0 | 67.9 | 68.9 | 67.9 | 67.4 | 66.2 | 67.4 | 67.4 | 69.8 | 67.8 | 64.2 | 61.7 | 60.6 | 60.7 | 60.0 | 60.2 |
| 31 | 59.7 | 59.4 | 59.1 | 59.7 | 57.7 | 57.5 | 58.1 | 61.0 | 65.0 | 65.0 | 66.5 | 67.0 | 67.8 | 68.7 | 67.4 | 67.3 | 68.4 | 67.2 | 62.4 | 62.0 | 61.4 | 59.8 | 61.1 | 60.4 |

* Record defective or instrument out of action. † Reading of Standard. ‡ Approximate

# HOURLY VALUES AUGUST 1880.

## CISTERN 211 FEET ABOVE MEAN SEA LEVEL.

| | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT. | MEANS. | DAYS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 475 | 29.477 | 29.483 | 29.491 | 29.495 | 29.503 | 29.515 | 29.517 | 29.521 | 29.523 | 29.514 | 29.460 | 1 |
| 507 | .621 | .631 | .633 | .651 | .667 | .679 | .689 | .699 | .699 | .703 | 29.588 | 2 |
| 763 | .763 | .759 | .759 | .757 | .759 | .773 | .785 | .779 | .775 | .772 | 29.749 | 3 |
| 708 | .704 | .694 | .694 | .680 | .678 | .676 | .682 | .674 | .660 | .662 | 29.709 | 4 |
| 570 | .562 | .552 | .546 | .542 | .546 | .550 | .552 | .542 | .538 | .522 | 29.580 | 5 |
| 496 | .492 | .502 | .502 | .510 | .524 | .532 | .540 | .548 | .545 | .545 | 29.496 | 6 |
| 218 | .230 | .266 | .292 | .344 | .374 | .410 | .436 | .450 | .472 | .494 | 29.384 | 7 |
| 63 | .664 | .675 | .682 | .694 | .702 | .714 | 29.720 | 29.720 | 29.720 | 29.738 | 29.636 | 8 |
| 895 | 29.891 | 29.923 | 29.931 | 29.949 | 29.969 | 29.991 | 30.001 | 30.013 | 30.021 | 30.029 | 29.871 | 9 |
| 108 | 30.104 | 30.098 | 30.092 | 30.088 | 30.084 | 30.084 | .088 | 30.082 | 30.078 | 30.068 | 30.087 | 10 |
| 020 | ------ | ------ | * | ------ | ------ | †29.991 | * | †29.990 | †29.988 | †29.988 | 30.023 | 11 |
| 974 | * | †29.965 | * | 29.956 | ------ | * | ------ | † .962 | * | * | 29.969 | 12 |
| 915 | 29.913 | .907 | 29.903 | .899 | 29.905 | .914 | 29.918 | .914 | .911 | .906 | 29.926 | 13 |
| 915 | .899 | .880 | .877 | .872 | .868 | .876 | .884 | .886 | .883 | .872 | 29.891 | 14 |
| 865 | .858 | .855 | .853 | .852 | .842 | .846 | .856 | .859 | .857 | .855 | 29.857 | 15 |
| 842 | .840 | .829 | .828 | .825 | .830 | .833 | .846 | .852 | .848 | .848 | 29.843 | 16 |
| 835 | .826 | .820 | .825 | .819 | .817 | .825 | .825 | .837 | .843 | .846 | 29.836 | 17 |
| 959 | .855 | .845 | .836 | .830 | .832 | .832 | .838 | .845 | .848 | .838 | 29.845 | 18 |
| 840 | .840 | .817 | .812 | .814 | .818 | .830 | .842 | .842 | .843 | .838 | 29.831 | 19 |
| 838 | .833 | .836 | .831 | .832 | .829 | .843 | .851 | .855 | .855 | .857 | 29.838 | 20 |
| 828 | .824 | .817 | .802 | .793 | .804 | .814 | .818 | .822 | .812 | .808 | 29.830 | 21 |
| 815 | .810 | .808 | .805 | .802 | .800 | .808 | .810 | .812 | .808 | .804 | 29.809 | 22 |
| 772 | .772 | .770 | .770 | .768 | .766 | .775 | .778 | .790 | .782 | .778 | 29.778 | 23 |
| 790 | .788 | .784 | .778 | .778 | .777 | .780 | .780 | .780 | .778 | .770 | 29.780 | 24 |
| 706 | .689 | † .695 | † .694 | † .692 | .691 | .685 | .683 | .686 | .671 | .663 | 29.709 | 25 |
| 676 | † .689 | .704 | .704 | .712 | .722 | .750 | .756 | .768 | .772 | .781 | 29.686 | 26 |
| 731 | .930 | .940 | .948 | .963 | .970 | .993 | .988 | .996 | .998 | .998 | 29.909 | 27 |
| 971 | .961 | .953 | .943 | .941 | .939 | .951 | .946 | .929 | .913 | .903 | 29.970 | 28 |
| 789 | .780 | .772 | .772 | .770 | .760 | .762 | .762 | .762 | .762 | .766 | 29.810 | 29 |
| 756 | .752 | .748 | .745 | .757 | .770 | .792 | .794 | .798 | .796 | .790 | 29.759 | 30 |
| 882 | 29.872 | 29.884 | 29.892 | 29.903 | 29.910 | 29.942 | 29.948 | 29.958 | 29.958 | 29.968 | 29.873 | 31 |

# WET BULB THERMOMETER

## 11 FEET ABOVE GROUND.

| | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT. | MEANS | DAYS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 56.4 | 56.1 | 56.5 | 56.4 | 57.0 | 57.9 | 57.7 | 58.0 | 57.0 | 58.0 | 58.4 | 58.4 | 58.9 | 58.0 | 58.0 | 59.2 | 59.4 | 59.0 | 58.2 | 57.7 | 56.9 | 57.7 | 57.7 | 57.7 | 1 |
| 56.9 | 57.8 | 57.7 | 57.2 | 56.5 | 56.7 | 57.5 | 57.0 | 57.3 | 57.4 | 58.0 | 57.6 | 56.6 | 56.7 | 54.9 | 54.8 | 55.0 | 55.0 | 54.5 | 54.3 | 54.3 | 55.4 | 55.2 | 56.3 | 2 |
| 57.4 | 57.4 | 56.8 | 56.6 | 56.5 | 58.3 | 59.0 | 59.2 | 60.0 | 60.9 | 60.1 | 62.7 | 62.0 | 63.0 | 62.2 | 62.5 | 61.9 | 60.9 | 59.8 | 59.9 | 59.7 | 59.2 | 59.1 | 59.7 | 3 |
| 59.0 | 58.2 | 58.3 | 58.4 | 58.4 | 59.3 | 60.0 | 61.7 | 62.0 | 62.5 | 63.0 | 62.6 | 62.2 | 62.3 | 61.2 | 60.5 | 60.3 | 60.5 | 60.0 | 59.9 | 59.8 | 59.7 | 59.7 | 60.4 | 4 |
| 59.1 | 59.0 | 59.1 | 59.0 | 59.1 | 59.7 | 60.5 | 61.1 | 62.1 | 62.3 | 62.3 | 63.2 | 62.6 | 62.2 | 62.5 | 62.5 | 62.0 | 61.2 | 61.0 | 60.9 | 60.4 | 60.2 | 59.7 | 60.9 | 5 |
| 58.1 | 57.7 | 57.6 | 57.7 | 57.9 | 58.4 | 58.9 | 59.6 | 60.6 | 61.3 | 59.4 | 58.1 | 56.8 | 57.0 | 57.6 | 57.3 | 56.2 | 56.5 | 55.4 | 55.3 | 55.2 | 55.2 | 54.7 | 57.6 | 6 |
| 54.0 | 55.0 | 55.6 | 55.9 | 55.1 | 55.7 | 54.9 | 57.0 | 59.0 | 62.9 | 62.6 | 61.7 | 61.7 | 60.2 | 57.8 | * | †55.4 | 55.0 | 53.7 | 54.4 | 54.5 | 54.6 | 54.4 | 56.7 | 7 |
| 53.5 | 53.2 | 53.7 | 54.0 | 54.7 | 55.5 | 55.1 | 56.2 | 56.7 | 56.8 | 57.3 | 57.0 | 57.2 | 57.0 | 57.0 | 57.0 | 57.2 | 56.8 | 56.4 | 56.2 | 56.5 | 56.5 | 56.4 | 55.9 | 8 |
| 56.3 | 56.5 | 56.8 | 56.4 | 56.7 | 57.2 | 57.5 | 57.9 | 57.9 | 59.0 | 59.4 | 60.9 | 60.5 | 60.4 | 59.9 | 59.9 | 58.7 | 59.0 | 57.6 | 58.0 | 56.6 | 56.9 | 57.9 | 58.1 | 9 |
| 57.9 | 58.2 | 57.9 | 57.5 | 58.0 | 58.0 | 58.1 | 58.9 | 60.6 | 61.2 | 60.4 | 60.7 | 60.9 | 60.8 | 60.1 | 61.0 | 62.5 | 62.0 | 60.3 | 59.6 | 59.6 | 59.2 | 58.7 | 59.6 | 10 |
| 57.4 | 58.0 | 57.7 | 57.2 | 57.2 | 59.0 | 61.9 | 63.2 | 63.8 | 63.7 | 63.8 | 64.6 | 65.2 | 65.1 | 63.8 | 62.8 | 62.2 | 61.7 | 60.8 | 60.8 | 60.3 | 59.7 | 60.7 | 61.2 | 11 |
| 61.3 | 61.3 | 60.6 | 59.9 | 59.0 | 59.0 | 59.6 | 59.6 | 59.6 | 59.6 | 60.6 | 59.7 | 59.2 | 59.6 | 59.7 | 59.7 | 60.0 | 59.7 | 59.3 | 58.3 | 57.7 | 58.9 | 60.0 | 59.7 | 12 |
| 60.4 | 60.4 | 60.3 | 60.1 | 60.3 | 60.4 | 60.4 | 62.2 | 62.3 | 63.1 | †62.9 | 63.7 | 64.6 | 63.8 | 63.6 | 63.0 | 62.7 | 62.3 | 61.0 | 60.7 | 60.6 | 60.8 | 60.5 | 61.7 | 13 |
| 60.6 | 60.7 | 60.3 | 60.3 | 60.5 | 61.8 | 62.8 | 63.3 | 63.0 | 63.5 | 63.3 | 63.0 | 62.0 | 62.3 | 62.0 | 61.7 | 61.2 | 61.0 | 60.9 | 60.1 | 59.8 | 61.0 | 60.9 | 61.5 | 14 |
| 61.7 | 62.0 | 61.7 | 61.7 | 61.0 | 61.8 | 62.0 | 62.0 | 62.0 | 63.4 | 62.6 | 62.7 | 63.4 | 63.5 | 63.5 | 62.3 | 63.0 | 62.7 | 62.7 | 62.7 | 62.6 | 62.9 | 62.8 | 62.4 | 15 |
| 61.7 | 61.6 | 60.9 | 60.5 | 60.4 | 60.3 | 60.5 | 60.7 | 60.7 | 60.8 | 61.0 | 60.3 | 60.0 | 59.9 | 59.6 | 60.0 | 60.0 | 60.0 | 59.5 | 60.0 | 59.6 | 60.4 | 59.7 | 60.4 | 16 |
| 60.0 | 59.3 | 59.9 | 59.4 | 59.2 | * | * | 59.3 | 59.5 | 59.8 | 60.7 | 60.9 | 61.0 | 62.4 | 62.3 | 62.0 | 61.7 | 61.6 | 61.9 | 62.0 | 61.7 | 61.8 | 61.2 | 60.7 | 17 |
| 59.4 | ---- | ---- | * | ------ | ------ | †58.0 | 58.0 | 57.7 | 58.1 | 58.3 | 58.6 | 59.1 | 59.4 | 59.6 | 60.0 | 60.0 | 60.2 | 60.3 | 60.6 | 60.2 | 59.2 | 58.7 | 59.0 | 18 |
| 57.9 | 57.3 | 56.7 | 57.0 | 56.8 | 56.9 | 56.8 | 56.7 | 57.3 | 58.2 | 58.3 | 58.9 | 59.7 | 59.7 | 60.0 | 60.2 | 59.8 | 60.0 | 59.5 | 59.4 | 58.9 | 58.0 | 57.7 | 58.3 | 19 |
| 55.8 | 55.3 | 55.4 | 55.4 | 55.6 | 57.0 | 57.9 | 59.5 | 60.0 | 61.0 | 61.3 | 61.2 | 61.1 | 62.3 | 61.8 | 61.3 | 61.1 | 60.8 | 59.3 | 58.4 | 58.3 | 57.6 | 57.4 | 58.8 | 20 |
| 57.5 | 56.5 | 55.4 | 55.6 | 55.7 | 55.7 | 58.0 | 60.1 | 60.3 | 60.4 | 60.8 | 60.9 | 60.4 | 61.1 | 60.5 | 61.1 | 61.6 | 61.4 | 60.9 | 60.2 | 59.1 | 58.9 | 58.6 | 59.1 | 21 |
| 57.8 | 57.0 | 56.1 | 55.1 | 54.6 | 55.1 | 55.9 | 56.6 | †58.2 | --- | * | ---- | †61.5 | 60.1 | 60.0 | 60.0 | 60.0 | 59.8 | 59.2 | 59.4 | 58.7 | 58.9 | 58.4 | 58.5 | 22 |
| 57.9 | 57.6 | 56.2 | 56.1 | 55.6 | 55.3 | 55.0 | 55.4 | 56.7 | * | †58.1 | 57.7 | 57.7 | 58.4 | 58.7 | 58.7 | 58.6 | 59.4 | 58.8 | 58.6 | 58.7 | 58.9 | 58.5 | 57.6 | 23 |
| 58.6 | 58.5 | 58.4 | 57.9 | 57.6 | 57.4 | 56.8 | 56.9 | 57.0 | 57.6 | 57.9 | 57.9 | 58.0 | 58.3 | 58.5 | 58.7 | 58.6 | 59.0 | 59.2 | 59.4 | 59.5 | 59.6 | 59.6 | 58.3 | 24 |
| 59.5 | 59.6 | 59.6 | 59.4 | 59.1 | 59.1 | 59.3 | 59.2 | 59.4 | 60.0 | †60.0 | †59.9 | †59.7 | 60.5 | 60.4 | 60.8 | 60.5 | 60.5 | 60.2 | 60.1 | 60.2 | 60.1 | 60.4 | 59.9 | 25 |
| 61.0 | 60.7 | 60.6 | 60.2 | 60.0 | 60.6 | 60.8 | 61.1 | 60.9 | 60.6 | 61.0 | 61.3 | 62.3 | †62.4 | 61.8 | 61.6 | 61.3 | 60.5 | 59.6 | 58.7 | 58.2 | 58.3 | 58.4 | 60.5 | 26 |
| 58.8 | 58.9 | 58.8 | 59.1 | 58.6 | 59.5 | 61.5 | 62.0 | †62.1 | 61.6 | 63.2 | 62.9 | 62.5 | 63.3 | 62.6 | 62.4 | 61.9 | 61.7 | 61.3 | 60.9 | 60.6 | 60.5 | 60.4 | 61.0 | 27 |
| 59.6 | 59.7 | 59.7 | 60.3 | 59.7 | 60.6 | 62.5 | 63.4 | 64.6 | 64.7 | 64.3 | 64.3 | 64.3 | 63.5 | 62.6 | 61.8 | 61.5 | 61.4 | 61.1 | 61.3 | 60.3 | 59.9 | 59.3 | 61.7 | 28 |
| 60.0 | 60.2 | 59.9 | 59.2 | 58.6 | 59.6 | 60.4 | 60.8 | 61.0 | 61.4 | 61.8 | * | †62.7 | ------ | ------ | ------ | * | ------ | ------ | ------ | †58.4 | 58.7 | 57.9 | 60.4 | 29 |
| 57.3 | 57.3 | 57.8 | 57.0 | 56.5 | 57.2 | 59.0 | 60.2 | 61.0 | 61.6 | 62.3 | 62.4 | 62.0 | 62.4 | 62.6 | 62.8 | 62.8 | 60.6 | 59.0 | 58.5 | 58.7 | 58.1 | 58.1 | 59.8 | 30 |
| 57.4 | 56.1 | 54.6 | 54.2 | 53.9 | 54.8 | 56.6 | 59.6 | 59.6 | 61.6 | 62.1 | 62.6 | 63.5 | 63.3 | 62.6 | 61.6 | 62.0 | 60.5 | 60.6 | 60.3 | 59.2 | 60.3 | 59.7 | 59.3 | 31 |

Meteorological Office,
116, Victoria Street, Westminster. S.W.
ROBERT H. SCOTT. Secretary.

# FALMOUTH OBSERVATORY LAT: 50° 9′ N. LONG: 5° 4′ W.

## WIND

DIRECTION IN NUMBERS { 8 = E. 24 = W. / 16 = S. 32 = N. }

| DAYS | 1 | | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | | 10 | | 11 | | NOON | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D |
| 1 | 23 | 10.5 | 23 | 9.5 | 23 | 7.5 | 24 | 6.5 | 25 | 10.5 | 26 | 8.5 | 28 | 9.5 | 29 | 14 | 28 | 16 | 29 | 16 | 28 | 21 | 29 | 21 | 28 |
| 2 | 25 | 16 | 26 | 21 | 26 | 17 | 26 | 17 | 27 | 14 | 27 | 15 | 27 | 15 | 28 | 21 | 28 | 24 | 28 | 26 | 28 | 25 | 29 | 24 | 29 |
| 3 | 24 | 6.5 | 26 | 13 | 26 | 10.5 | 24 | 8.5 | 25 | 9.5 | 25 | 4.5 | 25 | 6.5 | 27 | 6.5 | 27 | 9.5 | 29 | 8.5 | 26 | 10.5 | 26 | 8.5 | 23 |
| 4 | 23 | 4.5 | 23 | 9.5 | 22 | 8.5 | 22 | 7.5 | 20 | 6.5 | 20 | 4 | 18 | 6.5 | 18 | 7.5 | 20 | 9.5 | 17 | 8.5 | 18 | 14 | 17 | 14 | 18 |
| 5 | 17 | 8.5 | 17 | 9.5 | 16 | 8.5 | 16 | 7.5 | 16 | 8.5 | 17 | 10.5 | 16 | 6.5 | 15 | 11 | 16 | 12 | 15 | 12 | 14 | 16 | 14 | 13 | 15 |
| 6 | 21 | 5.5 | 21 | 6.5 | 21 | 9.5 | 22 | 6.5 | 22 | 4 | 22 | 6.5 | 22 | 8.5 | 22 | 13 | 19 | 10.5 | 20 | 11 | 26 | 23 | 27 | 23 | ‡27 |
| 7 | 24 | 9.5 | 23 | 9.5 | 23 | 12 | 23 | 13 | 21 | 6.5 | 20 | 11 | 19 | 17 | 17 | 21 | 17 | 25 | 18 | 25 | 22 | 28 | 22 | 24 | 23 |
| 8 | 27 | 20 | 26 | 18 | 26 | 16 | 26 | 15 | 25 | 15 | 26 | 15 | 26 | 20 | 26 | 24 | 26 | 24 | 26 | 26 | 26 | 27 | 26 | 20 | 26 |
| 9 | 23 | 2 | 23 | 4.5 | 15 | 3 | 15 | 4.5 | 12 | 5.5 | 12 | 7.5 | 10 | 7.5 | 10 | 8.5 | 9 | 9.5 | 8 | 9.5 | 9 | 9.5 | 9 | 9.5 | 12 |
| 10 | 16 | 3 | 16 | 2 | 16 | 3 | 16 | 3 | 16 | 3 | 16 | 2 | 16 | 2 | 16 | 4 | 16 | 4.5 | 16 | 5.5 | 14 | 5.5 | 14 | 9.5 | 14 |
| 11 | 31 | 9.5 | 31 | 11 | 31 | 10.5 | 31 | 7.5 | 31 | 6.5 | 31 | 6.5 | 31 | 4.5 | 31 | 4.5 | 7 | 6.5 | 9 | 7.5 | 9 | 12 | 9 | 9.5 | 11 |
| 12 | 32 | 8.5 | 32 | 8.5 | 3 | 11 | 2 | 6.5 | 2 | 7.5 | 7 | 8.5 | 7 | 13 | 9 | 13 | 8 | 15 | 8 | 18 | 8 | 18 | 11 | 17 | 12 |
| 13 | 31 | 11 | 31 | 10.5 | 31 | 11 | 31 | 7.5 | 32 | 6.5 | 32 | 6.5 | 2 | 8.5 | 2 | 8.5 | 3 | 10.5 | 3 | 14 | 2 | 23 | 2 | 18 | 2 |
| 14 | 30 | 12 | 30 | 11 | 30 | 8.5 | 30 | 9.5 | 30 | 7.5 | 32 | 5.5 | 32 | 5.5 | 8 | 5.5 | 11 | 10.5 | 11 | 5.5 | 16 | 5.5 | 15 | 12 | 14 |
| 15 | 30 | 9.5 | 30 | 7.5 | 32 | 7.5 | 32 | 5.5 | 5 | 4.5 | 32 | 3 | 6 | 4 | 9 | 6.5 | 9 | 10.5 | 10 | 11 | 11 | 13 | 11 | 12 | 11 |
| 16 | 8 | 7.5 | 8 | 7.5 | 7 | 6.5 | 11 | 11 | 10 | 10.5 | 10 | 11 | 10 | 10.5 | 9 | 10.5 | 10 | 9.5 | 9 | 11 | 9 | 15 | 10 | 13 | 11 |
| 17 | 3 | 8.5 | 5 | 10.5 | 3 | 12 | 5 | 14 | 6 | 16 | 8 | 16 | 4 | 10.5 | 7 | 13 | 6 | 13 | 7 | 16 | 6 | 17 | 7 | 15 | 8 |
| 18 | 8 | 22 | 7 | 25 | 7 | 26 | 7 | 26 | 7 | 27 | 7 | 29 | 9 | 29 | 7 | 27 | 8 | 28 | 7 | 26 | 7 | 28 | 8 | 18 | 8 |
| 19 | 5 | 10.5 | 6 | 7.5 | 3 | 7.5 | 3 | 9.5 | 8 | 18 | 6 | 16 | 6 | 17 | 8 | 15 | 8 | 14 | 8 | 12 | 9 | 8.5 | 11 | 10.5 | 12 |
| 20 | 29 | 9.5 | 30 | 9.5 | 30 | 9.5 | 29 | 9.5 | 29 | 13 | 29 | 12 | 30 | 12 | 31 | 11 | 32 | 5.5 | 12 | 5.5 | 14 | 6.5 | 16 | 7.5 | 16 |
| 21 | 2 | 5.5 | 2 | 6.5 | 32 | 7.5 | 30 | 6.5 | 32 | 7.5 | 31 | 8.5 | 31 | 7.5 | 2 | 7.5 | 5 | 14 | 7 | 18 | 8 | 18 | 9 | 19 | 9 |
| 22 | 32 | 9.5 | 31 | 8.5 | 32 | 11 | 31 | 10.5 | 31 | 8.5 | 30 | 9.5 | 1 | 9.5 | 4 | 9.5 | 6 | 12 | 9 | 13 | 6 | 14 | 10 | 10.5 | 13 |
| 23 | 7 | 18 | 6 | 20 | 7 | 19 | 6 | 22 | 6 | 23 | 5 | 15 | 3 | 11 | 4 | 13 | 3 | 13 | 5 | 18 | 6 | 23 | 6 | 21 | 6 |
| 24 | 6 | 16 | 6 | 18 | 8 | 16 | 8 | 18 | 9 | 22 | 10 | 19 | 9 | 20 | 8 | 21 | 8 | 20 | 9 | 17 | 10 | 20 | 10 | 16 | 10 |
| 25 | 9 | 10.5 | 9 | 8.5 | 9 | 11 | 9 | 13 | 9 | 15 | 10 | 19 | 10 | 18 | 10 | 20 | 9 | 18 | 9 | 18 | 9 | 24 | 10 | 17 | 9 |
| 26 | 9 | 8.5 | 6 | 12 | 7 | 13 | 9 | 8.5 | 11 | 15 | 14 | 10.5 | 11 | 11 | 11 | 9.5 | 10 | 7.5 | 10 | 6.5 | --- | --- | * | * | --- |
| 27 | 28 | 12 | 28 | 11 | 28 | 15 | 30 | 12 | 29 | 8.5 | 29 | 7.5 | 28 | 7.5 | 28 | 5.5 | 28 | 4.5 | 1 | 4 | 11 | 5.5 | 11 | 6.5 | 13 |
| 28 | 14 | 9.5 | 14 | 7.5 | 14 | 7.5 | 1 | 6.5 | 1 | 6.5 | 32 | 7.5 | 32 | 4.5 | 32 | 4 | 32 | 6.5 | 32 | 3 | 32 | 3 | 32 | 3 | 32 |
| 29 | 30 | 11 | 30 | 10.5 | 31 | 8.5 | 31 | 6.5 | 1 | 6.5 | 32 | 5.5 | 32 | 4.5 | 32 | 4.5 | 32 | 5.5 | 4 | 6.5 | 8 | 9.5 | 11 | 11 | 11 |
| 30 | 29 | 9.5 | 29 | 8.5 | 29 | 8.5 | 29 | 9.5 | 29 | 6.5 | 29 | 7.5 | 29 | 5.5 | 29 | 4 | 29 | 3 | 29 | 4 | 29 | 7.5 | 16 | 11 | 15 |
| 31 | 30 | 7.5 | 30 | 7.5 | 30 | 6.5 | 30 | 4.5 | 30 | 4 | 30 | 3 | 30 | 3 | 30 | 2 | 30 | 4 | 30 | 6.5 | 29 | 8.5 | 29 | 8.5 | 29 |

## RAINFALL

RAIN GAUGE { HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 167 FEET.

| DAYS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | . | .005 | .010 | . | . | . | . | . | .005 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | .015 |
| 2 | . | . | .045 | .005 | .005 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 3 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | .010 | . | . | . | . | . | . |
| 4 | . | . | . | . | .005 | . | . | .005 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 5 | . | .010 | .010 | . | . | .005 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 6 | . | . | . | . | . | . | . | . | .020 | .015 | .015 | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 7 | . | . | . | . | .025 | .045 | .015 | .005 | .035 | .090 | .025 | . | . | . | .010 | . | . | .005 | .015 | . | . | . | . | . |
| 8 | . | . | . | . | . | . | .005 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 9 | . | . | . | . | .010 | .005 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 10 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 11 | . | .005 | . | .005 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 12 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 13 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 14 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 15 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 16 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 17 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 18 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 19 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 20 | . | . | . | .005 | . | . | . | . | . | .005 | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 21 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 22 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 23 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 24 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | .005 |
| 25 | . | . | . | . | .010 | . | . | .005 | .005 | .005 | . | . | . | . | . | . | . | .005 | . | . | . | . | . | . |
| 26 | . | . | . | . | .005 | . | . | . | . | .005 | . | . | .005 | . | . | . | . | . | . | . | . | . | . | . |
| 27 | . | .005 | . | . | . | . | . | . | . | .005 | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 28 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 29 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 30 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 31 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |

* Record defective or Instrument out of action. † Obtained from reading of Standard. ‡ Approximate

# HOURLY VALUES AUGUST 1880.

AND VELOCITY IN MILES PER HOUR

| 3 | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | | 10 | | 11 | | MIDT | | DAYS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | |
| 17 | 28 | 14 | 27 | 15 | 26 | 15 | 27 | 11 | 27 | 9.5 | 27 | 8.5 | 27 | 6.5 | 26 | 6.5 | 26 | 9.5 | 26 | 13 | 1 |
| 12 | 29 | 20 | 29 | 23 | 29 | 20 | 27 | 14 | 27 | 10.5 | 27 | 8.5 | 27 | 7.5 | 27 | 6.5 | 22 | 6.5 | 22 | 5.5 | 2 |
| 12 | 22 | 14 | 22 | 14 | 23 | 10.5 | 26 | 13 | 26 | 10.5 | 25 | 9.5 | 25 | 8.5 | 25 | 4.5 | 25 | 6.5 | 23 | 4.5 | 3 |
| 4 | 18 | 13 | 16 | 13 | 16 | 11 | 16 | 11 | 18 | 12 | 18 | 10.5 | 18 | 12 | 18 | 11 | 18 | 10.5 | 19 | 8.5 | 4 |
| 3 | 15 | 12 | 19 | 9.5 | 21 | 11 | 21 | 7.5 | 22 | 7.5 | 21 | 5.5 | 19 | 5.5 | 20 | 6.5 | 21 | 3 | 21 | 3 | 5 |
| 20 | 26 | 26 | 26 | 23 | 26 | 23 | 26 | 22 | 26 | 17 | 25 | 17 | 25 | 15 | 25 | 15 | 25 | 14 | 25 | 13 | 6 |
| 31 | 25 | 39 | 26 | 44 | 27 | 35 | 27 | 29 | 27 | 27 | 27 | 24 | 26 | 25 | 26 | 25 | 26 | 25 | 26 | 24 | 7 |
| 21 | 26 | 20 | 25 | 19 | 26 | 18 | 25 | 12 | 24 | 7.5 | 23 | 9.5 | 23 | 8.5 | 23 | 7.5 | 23 | 6.5 | 23 | 4 | 8 |
| 8.5 | 14 | 8.5 | 13 | 6.5 | 14 | 5.5 | 15 | 4 | 15 | 3 | 15 | 2 | 15 | 2 | 15 | 4 | 15 | 4 | 15 | 2 | 9 |
| 8.5 | 16 | 7.5 | 16 | 6.5 | 16 | 4 | 28 | 6.5 | 31 | 8.5 | 30 | 14 | 30 | 15 | 32 | 12 | 31 | 9.5 | 31 | 9.5 | 10 |
| 4 | 13 | 6.5 | 13 | 5.5 | 13 | 5.5 | 14 | 3 | 14 | 2 | 14 | 2 | 14 | 3 | 12 | 4 | 31 | 9.5 | 30 | 8.5 | 11 |
| 5 | 9 | 13 | 11 | 10.5 | 11 | 9.5 | 9 | 6.5 | 8 | 4 | 31 | 6.5 | 29 | 7.5 | 29 | 8.5 | 31 | 11 | 32 | 12 | 12 |
| 15 | 30 | 17 | 30 | 16 | 31 | 18 | 31 | 13 | 29 | 11 | 29 | 15 | 30 | 12 | 30 | 7.5 | 30 | 10.5 | 30 | 9.5 | 13 |
| 7.5 | 15 | 6.5 | 14 | 8.5 | 15 | 6.5 | 16 | 5.5 | 16 | 6.5 | 21 | 7.5 | 23 | 7.5 | 25 | 7.5 | 28 | 4.5 | 29 | 8.5 | 14 |
| 7.5 | 11 | 7.5 | 11 | 8.5 | 12 | 3 | 8 | 3 | 30 | 5.5 | 30 | 6.5 | 30 | 6.5 | 29 | 5.5 | 32 | 5.5 | 29 | 6.5 | 15 |
| 14 | 11 | 11 | 11 | 10.5 | 13 | 5.5 | 13 | 4.5 | 13 | 4.5 | 10 | 5.5 | 8 | 4.5 | 8 | 6.5 | 3 | 4.5 | 1 | 8.5 | 16 |
| 13 | 13 | 10.5 | 9 | 11 | 8 | 16 | 8 | 15 | 6 | 13 | 2 | 13 | 2 | 16 | 4 | 16 | 7 | 17 | 9 | 19 | 17 |
| 17 | 10 | 11 | 11 | 9.5 | 13 | 3 | 9 | 2 | 1 | 4 | 32 | 7.5 | 1 | 7.5 | 6 | 9.5 | 5 | 10.5 | 6 | 11 | 18 |
| 7.5 | 15 | 4.5 | 7 | 2 | 11 | 4 | 11 | 4 | 31 | 5.5 | 30 | 6.5 | 30 | 4 | 30 | 4.5 | 30 | 5.5 | 29 | 7.5 | 19 |
| 6.5 | 15 | 6.5 | 15 | 8.5 | 16 | 7.5 | 16 | 6.5 | 16 | 3 | 26 | 5.5 | 26 | 5.5 | 26 | 5.5 | 29 | 4.5 | 1 | 5.5 | 20 |
| 23 | 9 | 17 | 8 | 17 | 9 | 9.5 | 4 | 6.5 | 3 | 4.5 | 1 | 5.5 | 2 | 8.5 | 1 | 8.5 | 31 | 9.5 | 31 | 10.5 | 21 |
| 6.5 | 10 | 8.5 | 12 | 4.5 | 13 | 3 | 13 | 2 | 1 | 4 | 30 | 8.5 | 32 | 12 | 1 | 9.5 | 1 | 7.5 | 5 | 16 | 22 |
| 22 | 6 | 21 | 7 | 14 | 6 | 18 | 6 | 14 | 5 | 14 | 6 | 13 | 6 | 15 | 7 | 14 | 4 | 10.5 | 4 | 11 | 23 |
| 15 | 10 | 18 | 10 | 19 | 9 | 18 | 9 | 13 | 9 | 10.5 | 8 | 13 | 8 | 13 | 8 | 9.5 | 9 | 10.5 | 9 | 9.5 | 24 |
| 8 | 10 | 16 | 10 | 14 | 9 | 10.5 | 9 | 13 | 10 | 14 | 9 | 10.5 | 9 | 6.5 | 10 | 11 | 10 | 6.5 | 9 | 12 | 25 |
| X | 16 | 5.5 | 16 | 10.5 | 27 | 12 | 27 | 7.5 | 27 | 9.5 | 27 | 9.5 | 28 | 10.5 | 28 | 10.5 | 27 | 10.5 | 28 | 12 | 26 |
| 6.5 | 14 | 6.5 | 14 | 4.5 | 14 | 6.5 | 14 | 4 | 14 | 2 | 14 | 3 | 14 | 6.5 | 14 | 7.5 | 14 | 8.5 | 14 | 8.5 | 27 |
| 6.5 | 13 | 9.5 | 13 | 7.5 | 13 | 5.5 | 13 | 3 | 13 | 4 | 13 | 2 | 13 | 3 | 13 | 7.5 | 32 | 7.5 | 30 | 8.5 | 28 |
| 16 | 8 | 12 | 7 | 12 | 8 | 8.5 | 8 | 3 | 8 | 2 | 30 | 9.5 | 29 | 10.5 | 29 | 7.5 | 29 | 7.5 | 29 | 7.5 | 29 |
| 1 | 15 | 8.5 | 15 | 6.5 | 22 | 7.5 | 27 | 9.5 | 27 | 10.5 | 28 | 11 | 28 | 10.5 | 28 | 8.5 | 30 | 8.5 | 30 | 9.5 | 30 |
| 8.5 | 29 | 8.5 | 17 | 7.5 | 19 | 8.5 | 19 | 5.5 | 22 | 9.5 | 23 | 5.5 | 23 | 4.5 | 23 | 5.5 | 23 | 4.5 | 23 | 7.5 | 31 |

# VAPOUR TENSION IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

| 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT | DAYS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 40 | 437 | 440 | 436 | 451 | 449 | 430 | 427 | 388 | 414 | 427 | 418 | 430 | 410 | 405 | 449 | 465 | 470 | 461 | 458 | 447 | 454 | 458 | 1 |
| 33 | 463 | 460 | 448 | 426 | 426 | 432 | 410 | 406 | 403 | 415 | 402 | 380 | 383 | 344 | 350 | 358 | 366 | 371 | 375 | 379 | 403 | 409 | 2 |
| 40 | 448 | 445 | 442 | 433 | 459 | 456 | 449 | 448 | 450 | 417 | 483 | 488 | 512 | 506 | 541 | 527 | 500 | 477 | 489 | 492 | 479 | 482 | 3 |
| 91 | 476 | 477 | 482 | 486 | 495 | 498 | 526 | 518 | 513 | 522 | 516 | 520 | 520 | 503 | 504 | 505 | 509 | 501 | 502 | 501 | 498 | 498 | 4 |
| 90 | 491 | 493 | 493 | 493 | 508 | 509 | 517 | 517 | 520 | 517 | 522 | 517 | 510 | 476 | 489 | 487 | 499 | 506 | 507 | 499 | 496 | 486 | 5 |
| 59 | 457 | 455 | 458 | 457 | 463 | 470 | 499 | 507 | 488 | 433 | 398 | 377 | 376 | 403 | 399 | 375 | 397 | 391 | 401 | 399 | 401 | 397 | 6 |
| 93 | 404 | 418 | 430 | 411 | 414 | 402 | 455 | 491 | 557 | 541 | 515 | 509 | 463 | 409 | * | †395 | 387 | 360 | 377 | 377 | 380 | 377 | 7 |
| 64 | 357 | 373 | 388 | 389 | 394 | 369 | 377 | 383 | 381 | 384 | 368 | 375 | 369 | 379 | 387 | 397 | 409 | 420 | 421 | 433 | 433 | 427 | 8 |
| 31 | 440 | 451 | 446 | 455 | 458 | 457 | 461 | 442 | 456 | 462 | 482 | 484 | 487 | 486 | 500 | 483 | 485 | 466 | 467 | 453 | 458 | 476 | 9 |
| 79 | 480 | 478 | 467 | 478 | 470 | 460 | 478 | 493 | 487 | 473 | 483 | 485 | 486 | 473 | 485 | 509 | 504 | 498 | 495 | 496 | 494 | 490 | 10 |
| 66 | 481 | 474 | 465 | 463 | 470 | 509 | 518 | 523 | 523 | 522 | 528 | 539 | 542 | 521 | 495 | 490 | 487 | 472 | 485 | 480 | 469 | 487 | 11 |
| 05 | 502 | 490 | 484 | 462 | 453 | 467 | 462 | 458 | 445 | 463 | 438 | 424 | 430 | 441 | 438 | 455 | 438 | 444 | 444 | 433 | 447 | 468 | 12 |
| 81 | 484 | 484 | 477 | 477 | 454 | 438 | 460 | 446 | 455 | †446 | 465 | 489 | 477 | 478 | 474 | 489 | 501 | 491 | 493 | 503 | 509 | 500 | 13 |
| 93 | 500 | 497 | 494 | 490 | 504 | 512 | 515 | 515 | 518 | 512 | 505 | 488 | 500 | 499 | 499 | 496 | 492 | 503 | 492 | 489 | 506 | 503 | 14 |
| 11 | 518 | 514 | 514 | 506 | 518 | 518 | 525 | 525 | 536 | 523 | 522 | 529 | 532 | 535 | 520 | 528 | 521 | 527 | 533 | 535 | 543 | 539 | 15 |
| 24 | 523 | 510 | 504 | 305 | 507 | 509 | 506 | 502 | 494 | 496 | 476 | 466 | 467 | 465 | 478 | 479 | 481 | 472 | 487 | 477 | 500 | 486 | 16 |
| 81 | 464 | 481 | 468 | 471 | * | * | 460 | 466 | 456 | 465 | 456 | 460 | 496 | 485 | 477 | 473 | 470 | 480 | 502 | 497 | 503 | 499 | 17 |
| 56 | .... | .... | * | .... | .. | †443 | 439 | 429 | 437 | 443 | 444 | 444 | 449 | 453 | 465 | 464 | 467 | 476 | 485 | 475 | 458 | 447 | 18 |
| 42 | 432 | 423 | 428 | 426 | 432 | 429 | 433 | 426 | 435 | 431 | 434 | 448 | 446 | 446 | 452 | 447 | 466 | 460 | 464 | 461 | 438 | 448 | 19 |
| 23 | 420 | 417 | 417 | 417 | 432 | 440 | 464 | 469 | 479 | 482 | 477 | 464 | 487 | 496 | 488 | 491 | 483 | 461 | 456 | 456 | 447 | 444 | 20 |
| 48 | 432 | 417 | 416 | 413 | 413 | 445 | 464 | 464 | 472 | 476 | 471 | 470 | 478 | 456 | 460 | 471 | 476 | 476 | 471 | 451 | 456 | 455 | 21 |
| 44 | 430 | 411 | 404 | 392 | 396 | 394 | 403 | †405 | .... | * | .... | †476 | 427 | 431 | 439 | 441 | 442 | 441 | 447 | 432 | 439 | 419 | 22 |
| 19 | 417 | 388 | 393 | 381 | 377 | 372 | 379 | 406 | * | †443 | 423 | 423 | 438 | 447 | 448 | 443 | 468 | 447 | 444 | 451 | 459 | 449 | 23 |
| 54 | 454 | 453 | 444 | 441 | 435 | 421 | 420 | 420 | 420 | 440 | 442 | 445 | 454 | 461 | 477 | 472 | 485 | 486 | 483 | 483 | 486 | 487 | 24 |
| 81 | 484 | 486 | 489 | 482 | 494 | 499 | 492 | 495 | 503 | †512 | †506 | †501 | 509 | 517 | 516 | 515 | 524 | 516 | 514 | 515 | 511 | 515 | 25 |
| 20 | 512 | 519 | 505 | 501 | 525 | 525 | 524 | 529 | 512 | 522 | 527 | 536 | †529 | †529 | †499 | 495 | 491 | 474 | 464 | 470 | 473 | 473 | 26 |
| 80 | 487 | 487 | 491 | 483 | 496 | 520 | 531 | †529 | 520 | 544 | 528 | 513 | 540 | 519 | 533 | 525 | 526 | 524 | 514 | 504 | 503 | 497 | 27 |
| 92 | 489 | 487 | 493 | 486 | 494 | 519 | 536 | 561 | 545 | 534 | 525 | 524 | 534 | 530 | 514 | 508 | 505 | 496 | 508 | 494 | 483 | 480 | 28 |
| 93 | 499 | 476 | 457 | 451 | 454 | 474 | 464 | 456 | 459 | 477 | * | †480 | .... | .... | .... | * | .... | .... | .... | †443 | 450 | 436 | 29 |
| 44 | 437 | 441 | 430 | 430 | 425 | 452 | 440 | 442 | 447 | 480 | 490 | 493 | 490 | 497 | 504 | 498 | 477 | 460 | 461 | 465 | 456 | 453 | 30 |
| 43 | 409 | 362 | 375 | 370 | 387 | 399 | 435 | 435 | 477 | 486 | 492 | 507 | 519 | 498 | 453 | 480 | 498 | 507 | 507 | 495 | 511 | 502 | 31 |


Meteorological Office,
116, Victoria Street, Westminster. S. W.
ROBERT H. SCOTT, Secretary.

# STONYHURST OBSERVATORY LAT: 53° 51′ N. LONG: 2° 28′

## BAROMETER

| DAYS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 29.270 | 29.255 | 29.243 | 29.235 | 29.243 | 29.245 | 29.237 | 29.245 | 29.242 | 29.238 | 29.241 | 29.239 | 29. |
| 2 | .245 | .239 | .231 | .227 | .229 | .238 | .247 | .263 | .271 | .285 | .287 | .292 | |
| 3 | .410 | .414 | .420 | .424 | .430 | .442 | .452 | .466 | .470 | .478 | .478 | .488 | |
| 4 | .484 | .470 | .458 | .452 | .450 | .450 | .458 | .458 | .456 | .454 | .451 | .442 | |
| 5 | .402 | .388 | .374 | .364 | .360 | .350 | .342 | .348 | .342 | .338 | .326 | .322 | |
| 6 | .270 | .258 | .246 | .238 | .240 | .240 | .236 | .236 | .232 | .226 | .219 | .211 | |
| 7 | .192 | .185 | .181 | .179 | .171 | .163 | .160 | .141 | .127 | .105 | .087 | .049 | |
| 8 | .068 | .067 | .077 | .091 | .107 | .131 | .143 | .153 | .181 | .205 | .221 | .237 | |
| 9 | .457 | .465 | .473 | .489 | .511 | .547 | .561 | .577 | .593 | .605 | ‡.620 | ‡.640 | ‡. |
| 10 | ‡.810 | ‡.800 | ‡.810 | ‡.820 | ‡.840 | ‡.860 | ‡.880 | ‡.880 | ‡.890 | ‡.890 | ‡.890 | ‡.890 | ‡. |
| 11 | ‡.920 | ‡.920 | ‡.920 | ‡.920 | ‡.920 | ‡.920 | ‡.910 | ‡.920 | ‡.920 | ‡.920 | .920 | .914 | |
| 12 | .912 | .900 | .894 | .888 | .894 | .902 | .908 | .903 | .894 | .894 | .898 | .890 | |
| 13 | .844 | .836 | .828 | .822 | .822 | .822 | .830 | .834 | .828 | .832 | .827 | .817 | |
| 14 | .823 | .817 | .805 | .803 | .801 | .803 | .807 | .805 | .803 | .797 | .786 | .777 | |
| 15 | .781 | .783 | .771 | .761 | .767 | .773 | .773 | .781 | .785 | .779 | .776 | .766 | |
| 16 | .758 | .756 | .754 | .747 | .742 | .752 | .760 | .768 | .768 | .764 | .758 | .758 | |
| 17 | .801 | .802 | .796 | .792 | .798 | .806 | .816 | .827 | .836 | .836 | .843 | .841 | |
| 18 | .851 | .849 | .835 | .829 | .829 | .831 | .836 | .835 | .837 | .836 | .829 | .827 | |
| 19 | .777 | .771 | .749 | .741 | .733 | .735 | .749 | .757 | .759 | .757 | .752 | .750 | |
| 20 | .720 | .718 | .722 | .714 | .718 | .720 | .721 | .734 | .734 | .736 | .731 | .727 | |
| 21 | .781 | .785 | .786 | .785 | .787 | .799 | .807 | .819 | .815 | .816 | .815 | .811 | |
| 22 | .783 | .777 | .771 | .763 | .765 | .773 | .778 | .779 | .783 | .783 | .775 | .769 | |
| 23 | .757 | .753 | .741 | .737 | .741 | .747 | .751 | .753 | .747 | .745 | .742‡ | .744 | |
| 24 | .738 | .730 | .718 | .714 | .720 | .728 | .734 | .736 | .734 | .726 | .723 | .715 | |
| 25 | .719 | .709 | .703 | .701 | .701 | .703 | .699 | .699 | .696 | .685 | .684 | .674 | |
| 26 | .622 | .614 | .614 | .608 | .594 | .588 | .580 | .586 | .579 | .580 | .580 | .574 | |
| 27 | .658 | .670 | .672 | .682 | .686 | .710 | .730 | .742 | .752 | .760 | .761 | .763 | |
| 28 | .863 | .865 | .867 | .873 | .879 | .891 | .899 | .901 | .905 | .905 | .898 | .890 | |
| 29 | .872 | .862 | .850 | .838 | .834 | .834 | .828 | .818 | .810 | .804 | .789 | .771 | |
| 30 | .653 | .649 | .644 | .627 | .645 | .644 | .637 | .639 | .641 | .643 | .641 | .643 | |
| 31 | 29.665 | 29.663 | 29.655 | 29.662 | 29.659 | 29.667 | 29.673 | 29.683 | 29.689 | 29.689 | 29.678 | 29.666 | 29. |

## DRY BULB THERMOMETER 7 FEET ABOVE GROUND

| DAYS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 52.2 | 51.4 | 50.9 | 50.0 | 48.9 | 51.0 | 55.8 | 57.2 | 57.6 | 59.7 | 59.0 | 60.8 | 62.2 | 61.7 | 63.4 | 61.8 | 62.0 | 61.2 | 59.1 | 57.5 | 56.8 | 56.0 | 55.9 | 55.4 |
| 2 | 55.4 | 55.0 | 54.9 | 54.4 | 54.2 | 55.0 | 58.9 | 59.0 | 59.8 | 59.2 | 61.7 | 61.5 | 62.0 | 61.3 | 62.2 | 60.4 | 60.0 | 59.0 | 58.2 | 57.4 | 56.4 | 55.0 | 54.0 | 53.4 |
| 3 | 51.3 | 50.6 | 50.2 | 50.5 | 50.2 | 53.8 | 59.2 | 59.3 | 61.5 | 62.9 | 63.0 | 62.4 | 62.6 | 61.9 | 61.3 | 61.0 | 60.2 | 59.4 | 58.2 | 57.2 | 57.0 | 56.8 | 57.0 | 56.2 |
| 4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.6 | 57.0 | 58.7 | 60.8 | 62.4 | 64.0 | 65.0 | 67.2 | 69.8 | 70.0 | 68.9 | 69.0 | 67.5 | 65.9 | 65.0 | 63.0 | 61.0 | 60.9 | 60.8 | 60.5 |
| 5 | 60.9 | 60.1 | 58.5 | 59.2 | 60.0 | 60.4 | 63.3 | 63.6 | 64.7 | 65.7 | 65.2 | 66.0 | 66.0 | 60.9 | 61.4 | 60.9 | 61.0 | 61.0 | 60.9 | 60.8 | 59.0 | 59.2 | 59.4 | 57.3 |
| 6 | 57.8 | 57.4 | 57.5 | 57.8 | 57.0 | 57.6 | 59.8 | 59.5 | 60.4 | 61.3 | 62.0 | 64.2 | 64.0 | 66.1 | 67.0 | 66.5 | 60.5 | 58.9 | 58.2 | 58.0 | 55.5 | 53.5 | 55.2 | 53.5 |
| 7 | 53.0 | 52.4 | 53.9 | 52.9 | 52.5 | 54.9 | 59.0 | 58.2 | 60.0 | 60.0 | 62.3 | 61.6 | 57.9 | 57.9 | 56.6 | 54.1 | 52.1 | 51.9 | 52.0 | 52.0 | 52.2 | 53.6 | 54.3 | 54.9 |
| 8 | 55.1 | 55.3 | 55.0 | 54.5 | 55.2 | 55.2 | 56.2 | 57.4 | 57.7 | 59.4 | 59.0 | 61.6 | 62.2 | 62.0 | 62.4 | 62.0 | 60.9 | 60.2 | 59.5 | 57.0 | 56.9 | 55.8 | 55.8 | 55.7 |
| 9 | 55.0 | 54.1 | 53.6 | 54.1 | 54.1 | 56.4 | 59.2 | 60.1 | 60.4 | 62.2 | 62.9 | 63.0 | 64.1 | 64.0 | 63.7 | 64.1 | 63.8 | 63.2 | 61.3 | 56.3 | 54.5 | 53.9 | 52.5 | 51.6 |
| 10 | 50.7 | 51.1 | 50.0 | 50.0 | 48.1 | 51.1 | 52.6 | 57.0 | 60.4 | 63.6 | 66.0 | 68.1 | 68.7 | 66.1 | 65.2 | 65.0 | 63.9 | 63.4 | 64.1 | 63.0 | 62.2 | 62.2 | 61.5 | 61.3 |
| 11 | 59.1 | 60.0 | 59.7 | 59.9 | 59.8 | 59.5 | 60.1 | 63.7 | 67.4 | 70.0 | 72.9 | 74.4 | 75.6 | 74.9 | †76.0 | 76.0 | 75.3 | 73.0 | 70.1 | 67.3 | 64.9 | 63.5 | 62.2 | 60.4 |
| 12 | 59.9 | 58.9 | 57.9 | 58.0 | 57.6 | 61.0 | 63.1 | 65.1 | 67.2 | 69.6 | 71.5 | 72.8 | 73.9 | 73.0 | 72.1 | 71.9 | 71.5 | 70.9 | 66.9 | 64.3 | 62.0 | 61.6 | 60.2 | 59.2 |
| 13 | 58.6 | 58.1 | 57.6 | 58.0 | 58.3 | 59.2 | 62.3 | 66.0 | 68.0 | 68.3 | 68.8 | 70.4 | 70.5 | 71.1 | 74.0 | 72.4 | 73.0 | 68.3 | 67.0 | 64.7 | 61.8 | 59.5 | 59.0 | 58.1 |
| 14 | 57.4 | 57.2 | 57.5 | 56.4 | 55.9 | 57.0 | 60.0 | 64.7 | 67.9 | 70.0 | 73.5 | 74.9 | 76.0 | 76.7 | 76.6 | 75.5 | 74.8 | 72.9 | 69.6 | 65.0 | 62.7 | 60.9 | 59.4 | 57.3 |
| 15 | 56.9 | 56.1 | 55.4 | 55.5 | 55.1 | 56.5 | 58.0 | 59.3 | 60.5 | 62.0 | 65.0 | 66.0 | 67.4 | 69.1 | 71.0 | 70.4 | 70.6 | 67.4 | 63.4 | 60.2 | 58.2 | 57.0 | 66.1 | 55.8 |
| 16 | 55.1 | 54.9 | 55.0 | 56.2 | 55.3 | 56.4 | 56.5 | 57.8 | 59.8 | 61.0 | 63.0 | 66.0 | 64.4 | 65.5 | 65.7 | 66.6 | 65.6 | 63.0 | 60.4 | 59.4 | 59.6 | 58.8 | 58.5 | 58.0 |
| 17 | 57.7 | 57.0 | 57.1 | 57.2 | 57.3 | 57.5 | 58.0 | 60.0 | 62.0 | 61.4 | 61.0 | 61.3 | 62.0 | 62.2 | 63.4 | 64.8 | * | †60.7 | - - - | - - - | * | * | - - - | - - - |
| 18 | - - - | - - - | - - - | * | - - - | - - - | - - - | †57.9 | * | †58.8 | * | †61.7 | * | †62.0 | * | †61.2 | * | †59.2 | * | 58.4 | 58.1 | 57.5 | 67.0 | 56.4 |
| 19 | 56.2 | 56.2 | 56.0 | 56.0 | 55.4 | 55.9 | 56.2 | 56.4 | 57.2 | 58.5 | 59.4 | 60.9 | 62.0 | 63.8 | 65.2 | 65.1 | 64.0 | 63.0 | 60.4 | 59.2 | 59.0 | 58.0 | 57.4 | 56.5 |
| 20 | 56.5 | 56.0 | 54.6 | 54.0 | 54.3 | 53.7 | 56.1 | 58.2 | 60.6 | 63.1 | 64.9 | 65.2 | 67.0 | 68.5 | 69.4 | 70.3 | 70.3 | 67.0 | 64.1 | 61.0 | 60.0 | 59.1 | 59.0 | 56.5 |
| 21 | 55.3 | 54.7 | 55.0 | 55.0 | 54.5 | 55.2 | 57.2 | 59.3 | 60.4 | 60.4 | 61.7 | 62.0 | 62.5 | 63.5 | 65.2 | 65.4 | 65.2 | 63.9 | 61.9 | 59.5 | 57.7 | 56.1 | 56.3 | 55.[illegible] |
| 22 | 55.1 | 55.4 | 56.1 | 55.5 | 56.0 | 55.4 | 57.3 | 60.9 | 60.0 | 64.5 | 64.5 | 66.0 | 66.2 | 67.0 | 68.2 | 66.1 | 64.2 | 62.5 | 60.8 | 58.5 | 57.2 | 56.0 | 56.0 | 54.[illegible] |
| 23 | 54.9 | 54.2 | 53.4 | 54.2 | 54.9 | 55.0 | 56.0 | 57.0 | 58.5 | 59.9 | 62.4 | 62.4 | 63.0 | 63.0 | 63.1 | 63.0 | 62.1 | 61.2 | 60.4 | 59.1 | 58.3 | 58.0 | 57.4 | 56.[illegible] |
| 24 | 56.6 | 56.8 | 55.1 | 55.3 | 55.1 | 55.4 | 56.3 | 57.0 | 59.1 | 60.4 | 62.2 | 62.9 | 65.2 | 62.4 | 63.0 | 62.0 | 60.5 | 60.0 | 58.4 | 56.3 | 56.0 | 56.0 | 55.1 | 55.[illegible] |
| 25 | 55.0 | 54.6 | 53.1 | 52.5 | 53.2 | 54.0 | 55.4 | 56.1 | 60.3 | 62.6 | 61.7 | 63.6 | 64.3 | 64.6 | 64.9 | 64.0 | 62.9 | 61.6 | 60.0 | 59.9 | 59.0 | 58.6 | 57.5 | 56.[illegible] |
| 26 | 55.9 | 56.2 | 55.4 | 56.0 | 55.4 | 55.5 | 56.3 | 57.2 | 59.4 | 59.4 | 59.5 | 60.0 | 65.7 | 67.0 | 67.0 | 65.0 | 63.3 | 63.0 | 61.4 | 59.9 | 59.0 | 58.2 | 58.5 | 58.[illegible] |
| 27 | 57.7 | 57.4 | 57.9 | 54.2 | 56.0 | 56.1 | 58.5 | 60.2 | 64.0 | 66.5 | 69.0 | 70.0 | 71.8 | 73.3 | 73.8 | 73.4 | 74.1 | 69.0 | 65.2 | 65.6 | 64.6 | 63.5 | 63.0 | 62.[illegible] |
| 28 | 60.3 | 59.9 | 59.6 | 57.9 | 57.9 | 56.2 | 60.2 | 63.4 | 66.0 | 66.5 | 69.5 | 71.0 | 72.3 | 70.2 | 72.0 | 71.9 | 71.2 | 69.5 | 67.0 | 64.2 | 62.2 | 60.3 | 59.0 | 57.5 |
| 29 | 57.4 | 57.2 | 57.0 | 57.5 | 58.2 | 57.5 | 59.8 | 61.0 | 64.0 | 66.3 | 67.8 | 67.9 | 68.7 | 67.3 | 68.4 | 68.1 | 66.2 | 64.0 | 60.5 | 60.4 | 59.5 | 60.1 | 60.0 | 59.[illegible] |
| 30 | 59.7 | 60.4 | 60.0 | 58.9 | 59.0 | 58.7 | 58.2 | 60.0 | 63.0 | 63.6 | 66.5 | 66.9 | 67.9 | 70.5 | 70.9 | 70.4 | 68.5 | 65.6 | 63.1 | 63.3 | 61.6 | 59.4 | 59.9 | 58.[illegible] |
| 31 | 60.3 | 59.0 | 59.1 | 57.5 | 57.3 | 57.1 | 60.2 | 61.5 | 63.0 | 64.4 | 66.9 | 68.9 | 71.0 | 72.4 | 72.1 | 71.2 | 70.0 | 67.9 | 63.0 | 62.5 | 59.3 | 59.2 | 57.8 | 57.[illegible] |

* *Record defective or Instrument out of action* † *Reading of Standard* ‡ *Approximate*

# HOURLY VALUES AUGUST 1880.

CISTERN 361 FEET ABOVE MEAN SEA LEVEL.

| | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT. | MEANS | DAYS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 33 | 29.231 | 29.241 | 29.241 | 29.245 | 29.245 | 29.253 | 29.255 | 29.255 | 29.253 | 29.251 | 29.245 | 1 |
| 78 | ·310 | ·318 | ·328 | ·338 | ·354 | ·374 | ·380 | ·397 | ·398 | ·412 | 29.302 | 2 |
| 96 | ·500 | ·506 | ·502 | ·508 | ·506 | ·510 | ·514 | ·510 | ·502 | ·492 | 29.475 | 3 |
| 32 | ·434 | ·429 | ·432 | ·432 | ·430 | ·432 | ·428 | ·424 | ·420 | ·410 | 29.443 | 4 |
| 25 | ·308 | ·310 | ·302 | ·298 | ·300 | ·304 | ·304 | ·294 | ·290 | ·286 | 29.329 | 5 |
| 85 | 29.161 | 29.155 | 29.155 | 29.179 | 29.179 | 29.197 | 29.201 | ·211 | ·209 | ·207 | 29.212 | 6 |
| 99 | 28.977 | 28.937 | 28.921 | 28.925 | 28.943 | 28.975 | 28.995 | ·021 | ·027 | ·048 | 29.064 | 7 |
| 72 | 29.292 | 29.315 | 29.331 | 29.345 | 29.358 | 29.377 | 29.393 | ·413 | ·427 | ·447 | 29.246 | 8 |
| 60 | ‡.670 | ‡.690 | ‡.690 | ‡.720 | ‡.730 | ‡.740 | ‡.760 | ‡.780 | ‡.800 | ‡.800 | 29.635 | 9 |
| 10 | ‡.910 | ‡.910 | ‡.920 | ‡.920 | ‡.910 | ‡.920 | ‡.920 | ‡.920 | ‡.920 | ‡.930 | 29.885 | 10 |
| 00 | ·890 | ·884 | ·878 | ·884 | ·892 | ·904 | ·906 | ·907 | ·908 | ·917 | 29.908 | 11 |
| 78 | ·874 | ·866 | ·856 | ·857 | ·860 | ·868 | ·870 | ·866 | ·852 | ·844 | 29.881 | 12 |
| 07 | ·807 | ·803 | ·805 | ·803 | ·805 | ·821 | ·829 | ·837 | ·829 | ·830 | 29.822 | 13 |
| 65 | ·759 | ·757 | ·753 | ·757 | ·765 | ·785 | ·791 | ·790 | ·787 | ·783 | 29.787 | 14 |
| 50 | ·746 | ·738 | ·736 | ·734 | ·738 | ·756 | ·768 | ·770 | ·764 | ·764 | 29.763 | 15 |
| 48 | ·742 | ·742 | ·738 | ·746 | ·756 | ·774 | ·782 | ·791 | ·796 | ·802 | 29.761 | 16 |
| 40 | ·833 | ·827 | ·827 | ·829 | ·833 | ·845 | ·847 | ·847 | ·852 | ·847 | 29.828 | 17 |
| 17 | ·805 | ·801 | ·786 | ·777 | ·776 | ·779 | ·783 | ·789 | ·793 | ·793 | 29.814 | 18 |
| 20 | ·710 | ·704 | ·694 | ·696 | ·707 | ·716 | ·720 | ·726 | ·724 | ·718 | 29.733 | 19 |
| 19 | ·707 | ·703 | ·697 | ·707 | ·728 | ·746 | ·763 | ·779 | ·775 | ·779 | 29.730 | 20 |
| 95 | ·785 | ·783 | ·773 | ·765 | ·767 | ·777 | ·781 | ·791 | ·795 | ·791 | 29.792 | 21 |
| 57 | ·747 | ·743 | ·735 | ·741 | ·749 | ·769 | ·778 | ·779 | ·771 | ·761 | 29.766 | 22 |
| 31 | ·722 | ·716 | ·712 | ·714 | ·714 | ·728 | ·728 | ·740 | ·744 | ·742 | 29.737 | 23 |
| 03 | ·693 | ·689 | ·693 | ·693 | ·707 | ·717 | ·721 | ·723 | ·723 | ·723 | 29.717 | 24 |
| 54 | ·650 | ·642 | ·642 | ·639 | ·640 | ·656 | ·666 | ·656 | ·636 | ·629 | 29.672 | 25 |
| 60 | ·562 | ·564 | ·577 | ·590 | ·602 | ·614 | ·631 | ·642 | ·644 | ·650 | 29.596 | 26 |
| 763 | ·767 | ·767 | ·767 | ·785 | ·809 | ·835 | * | * | ·857 | ·863 | 29.760 | 27 |
| 92 | ·874 | ·868 | ·856 | ·862 | ·868 | ·880 | ·882 | ·884 | ·882 | ·876 | 29.881 | 28 |
| 42 | ·719 | ·707 | ·695 | ·695 | ·699 | ·699 | ·691 | ·685 | ·677 | ·659 | 29.764 | 29 |
| 33 | ·627 | ·617 | ·629 | ·639 | ·646 | ·663 | ·669 | ·685 | ·679 | ·676 | 29.646 | 30 |
| 53 | 29.656 | 29.662 | 29.658 | 29.664 | 29.682 | 29.698 | 29.710 | 29.720 | 29.718 | 29.718 | 29.677 | 31 |

# WET BULB THERMOMETER

7 FEET ABOVE GROUND.

| | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT. | MEANS | DAYS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 49.8 | 49.1 | 48.2 | 47.6 | 49.1 | 52.7 | 53.0 | 54.0 | 53.0 | 54.3 | 55.4 | 56.1 | 55.2 | 56.2 | 55.2 | 55.2 | 55.2 | 54.9 | 54.3 | 54.7 | 54.2 | 54.2 | 54.0 | 53.2 | 1 |
| 53.8 | 53.7 | 53.2 | 53.2 | 53.9 | 55.4 | 52.5 | 52.5 | 52.4 | 54.0 | 54.2 | 55.6 | 55.0 | 55.8 | 54.8 | 54.0 | 54.0 | 53.5 | 53.7 | 53.3 | 51.2 | 51.2 | 51.0 | 53.6 | 2 |
| 49.6 | 49.3 | 49.5 | 49.7 | 52.2 | 54.2 | 55.3 | 55.3 | 56.0 | 56.1 | 56.1 | 55.6 | 55.5 | 56.2 | 56.0 | 55.6 | 55.5 | 56.0 | 55.4 | 55.4 | 55.4 | 55.8 | 55.1 | 54.2 | 3 |
| 55.4 | 55.4 | 55.5 | 55.8 | 56.0 | 57.8 | 59.6 | 60.5 | 61.4 | 62.0 | 62.9 | 64.1 | 64.3 | 63.4 | 62.2 | 61.6 | 61.3 | 61.0 | 60.3 | 59.0 | 59.0 | 59.2 | 58.2 | 59.6 | 4 |
| 57.9 | 56.9 | 57.5 | 58.1 | 58.8 | 60.3 | 60.2 | 60.9 | 61.0 | 61.1 | 61.8 | 61.5 | 59.2 | 60.2 | 59.9 | 60.0 | 60.0 | 60.0 | 59.9 | 58.0 | 58.1 | 58.5 | 55.9 | 59.3 | 5 |
| 56.0 | 56.1 | 55.5 | 55.9 | 56.2 | 57.2 | 57.0 | 57.0 | 58.0 | 58.4 | 59.2 | 59.2 | 60.9 | 60.9 | 60.6 | 58.2 | 57.0 | 56.4 | 55.6 | 54.0 | 52.3 | 53.4 | 52.3 | 56.8 | 6 |
| 51.5 | 52.9 | 52.0 | 51.4 | 53.9 | 56.8 | 56.0 | 56.0 | 55.9 | 56.2 | 56.0 | 55.0 | 55.2 | 54.4 | 52.6 | 50.7 | 50.5 | 50.6 | 50.2 | 50.3 | 51.3 | 51.1 | 51.2 | 53.1 | 7 |
| 52.8 | 52.4 | 52.2 | 52.7 | 52.5 | 54.0 | 54.9 | 55.2 | 55.9 | 56.1 | 57.0 | 57.8 | 56.9 | 56.7 | 57.4 | 56.6 | 56.2 | 56.0 | 54.8 | 55.0 | 54.1 | 53.9 | 53.5 | 54.9 | 8 |
| 52.0 | 52.0 | 51.3 | 51.2 | 53.5 | 55.9 | 54.5 | 55.5 | 55.4 | 55.5 | 56.1 | 56.5 | 56.1 | 56.0 | 56.0 | 55.0 | 55.5 | 54.7 | 52.0 | 51.6 | 51.0 | 50.4 | 50.2 | 53.8 | 9 |
| 49.2 | 48.8 | 48.6 | 46.9 | 49.5 | 51.0 | 54.3 | 57.5 | 60.1 | 61.4 | 63.0 | 63.9 | 62.8 | 63.0 | 62.5 | 62.0 | 61.1 | 62.0 | 61.2 | 61.0 | 60.8 | 60.5 | 60.1 | 57.5 | 10 |
| 59.2 | 59.1 | 59.2 | 59.0 | 58.9 | 59.3 | 61.5 | 64.0 | 65.3 | 64.3 | 66.2 | 68.0 | 67.5 | 67.2 | 67.0 | 66.3 | 64.7 | 64.0 | 62.3 | 61.0 | 60.0 | 59.0 | 56.8 | 62.4 | 11 |
| 55.0 | 54.3 | 54.3 | 54.4 | 56.9 | 58.2 | 59.8 | 61.1 | 62.9 | 62.1 | 64.0 | 65.0 | 64.1 | 64.0 | 63.3 | 63.2 | 63.5 | 61.4 | 60.0 | 59.0 | 57.9 | 56.1 | 55.1 | 59.6 | 12 |
| 55.8 | 55.5 | 55.5 | 56.0 | 56.4 | 58.8 | 60.9 | 62.0 | 62.0 | 62.9 | 64.6 | 64.3 | 64.2 | 66.2 | 65.3 | 65.1 | 62.1 | 60.9 | 59.2 | 58.1 | 56.7 | 56.0 | 55.4 | 60.0 | 13 |
| 54.9 | 54.8 | 54.0 | 53.9 | 54.5 | 56.5 | 58.9 | 61.1 | 62.2 | 65.6 | 66.0 | 66.0 | 66.0 | 66.6 | 65.3 | 65.3 | 64.1 | 62.0 | 60.0 | 57.9 | 56.4 | 56.0 | 55.0 | 59.9 | 14 |
| 54.1 | 53.9 | 54.0 | 53.9 | 54.8 | 55.3 | 56.4 | 57.0 | 58.0 | 59.4 | 60.4 | 61.1 | 62.0 | 63.4 | 63.0 | 63.3 | 61.0 | 59.2 | 57.1 | 55.6 | 54.9 | 54.2 | 53.8 | 57.5 | 15 |
| 53.0 | 53.1 | 54.3 | 53.2 | 54.0 | 54.8 | 55.0 | 56.4 | 57.7 | 59.2 | 60.3 | 60.4 | 61.4 | 61.2 | 61.2 | 60.7 | 58.4 | 57.3 | 56.2 | * | 55.5 | 55.6 | 55.0 | 56.8 | 16 |
| 54.3 | 54.9 | 54.9 | 54.9 | 55.0 | 55.1 | 56.2 | 57.2 | 57.0 | 57.0 | 57.4 | 58.0 | 58.0 | 58.5 | 59.0 | * | †57.0 | ---- | ---- | * | * | ---- | ---- | 56.3 | 17 |
| ---- | ---- | * | ---- | ---- | ---- | †55.2 | * | †55.0 | * | †56.8 | * | †56.8 | * | †56.4 | * | †55.5 | * | 54.9 | 54.9 | 54.4 | 54.0 | 53.8 | ‡55.1 | 18 |
| 53.6 | 52.9 | 52.8 | 52.5 | 52.5 | 52.5 | 52.5 | 52.7 | 53.8 | 54.3 | 55.0 | 56.0 | 56.5 | 58.2 | 58.9 | 58.6 | 58.0 | 56.4 | 55.5 | 55.8 | 55.0 | 54.6 | 54.1 | 54.8 | 19 |
| 54.0 | 53.1 | 52.5 | 52.9 | 52.3 | 54.2 | 56.0 | 57.0 | 58.1 | 59.4 | 59.9 | 60.1 | 61.0 | 61.6 | 62.0 | 62.5 | 61.0 | 60.0 | 58.0 | 57.0 | 56.4 | 56.3 | 55.0 | 57.3 | 20 |
| 53.3 | 53.9 | 54.0 | 53.5 | 54.0 | 55.4 | 56.3 | 56.8 | 56.9 | 57.2 | 57.3 | 58.0 | 59.0 | 59.7 | 59.9 | 59.2 | 58.5 | 57.4 | 56.2 | 55.0 | 54.0 | 54.0 | 52.9 | 56.1 | 21 |
| 53.5 | 54.2 | 54.0 | 54.0 | 53.5 | 55.0 | 56.0 | 56.0 | 57.4 | 57.3 | 58.9 | 58.0 | 58.0 | 60.0 | 58.2 | 58.0 | 57.5 | 56.2 | 55.0 | 54.0 | 53.0 | 53.1 | 52.2 | 55.7 | 22 |
| 52.1 | 51.5 | 51.9 | 52.7 | 52.6 | 53.4 | 54.0 | 55.1 | 55.2 | 56.4 | 56.5 | 57.5 | 57.8 | 58.1 | 57.7 | 57.3 | 57.0 | 56.1 | 55.0 | 54.9 | 55.0 | 54.9 | 54.0 | 55.0 | 23 |
| 53.2 | 53.0 | 53.2 | 53.3 | 53.5 | 54.0 | 54.4 | 55.9 | 56.0 | 57.4 | 57.5 | 59.0 | 57.9 | 58.4 | 57.9 | 57.0 | 56.8 | 55.9 | 54.2 | 54.0 | 54.1 | 53.6 | 53.2 | 55.3 | 24 |
| 53.0 | 51.5 | 51.2 | 51.9 | 52.0 | 53.0 | 54.9 | 55.3 | †56.7 | 55.0 | 57.2 | 57.5 | 57.6 | 58.0 | 57.5 | 57.0 | 56.9 | 55.3 | 55.1 | 55.0 | 55.0 | 54.4 | 53.0 | 54.9 | 25 |
| 53.2 | 53.1 | 53.4 | 53.5 | 53.7 | 54.1 | 55.0 | 56.4 | 56.8 | 57.0 | 57.5 | 61.2 | 62.0 | 62.3 | 61.2 | 60.4 | 60.0 | 59.4 | 58.2 | 57.6 | 57.1 | 57.2 | 56.9 | 57.1 | 26 |
| 56.2 | 56.4 | 52.4 | 55.1 | 55.1 | 57.0 | 58.0 | 59.8 | 61.6 | 63.0 | 63.5 | 65.0 | 66.0 | 66.4 | 66.5 | 66.3 | 64.1 | 62.0 | 62.1 | 61.2 | 61.0 | 60.5 | 60.0 | 60.7 | 27 |
| 58.4 | 58.0 | 56.6 | 56.5 | 55.0 | 58.2 | 60.1 | 61.5 | 61.1 | 64.1 | 64.4 | 65.6 | 64.5 | 65.4 | 64.8 | 64.7 | 64.0 | 63.2 | 62.0 | 60.1 | 58.4 | 57.0 | 55.9 | 60.8 | 28 |
| 55.0 | 54.9 | 55.2 | 55.5 | 55.0 | 56.2 | 56.9 | 59.4 | 59.0 | 59.0 | 59.2 | 58.1 | 58.4 | 61.0 | 61.6 | 59.4 | 59.0 | 57.1 | 56.6 | 56.4 | 56.9 | 57.1 | 57.1 | 57.5 | 29 |
| 57.3 | 57.8 | 56.6 | 56.6 | 56.2 | 56.8 | 58.0 | 60.0 | 59.9 | 61.0 | 60.4 | 62.0 | 62.0 | 62.1 | †61.9 | 61.3 | 60.2 | 58.5 | 58.0 | 58.0 | 57.4 | 57.2 | 57.0 | 58.9 | 30 |
| 57.0 | 57.2 | 56.0 | 55.9 | 55.3 | 57.5 | 58.2 | 59.5 | 60.2 | 62.0 | 63.0 | 63.4 | 63.0 | 62.5 | 64.0 | 64.2 | 63.5 | 59.3 | 58.5 | 57.2 | 57.1 | 56.3 | 55.9 | 59.3 | 31 |

Meteorological Office,
116, Victoria Street, Westminster. S.W.
ROBERT H. SCOTT. Secretary.

1754

# STONYHURST OBSERVATORY LAT: 53° 51′ N. LONG: 2° 28′ W.

## WIND

DIRECTION IN NUMBERS { 8 = E. 24 = W. / 16 = S. 32 = N. }

| DAYS | 1 | | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | | 10 | | 11 | | NOON | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D |
| 1 | 21 | 6.5 | 22 | 5.5 | 22 | 4.5 | 22 | 4 | 24 | 2 | 24 | 2 | 20 | 3 | 23 | 5.5 | 23 | 7.5 | 24 | 10.5 | 24 | 9.5 | 24 | 11 | 23 |
| 2 | 24 | 4 | 24 | 2 | 24 | 3 | 24 | 3 | 24 | 3 | 20 | 4.5 | 24 | 4 | 28 | 6.5 | 28 | 9.5 | 28 | 9.5 | 26 | 11 | 26 | 12 | 25 |
| 3 | 23 | 2 | 23 | 4 | 19 | 4 | 19 | 2 | 19 | 4 | 19 | 4.5 | 25 | 6.5 | 25 | 8.5 | 24 | 11 | 25 | 14 | 25 | 14 | 24 | 12 | 24 |
| 4 | 25 | 2 | 22 | 1.5 | 22 | 2 | 22 | 2 | 22 | 2 | 22 | 2 | 22 | 2 | 22 | 4 | 21 | 5.5 | 21 | 4.5 | 19 | 9.5 | 20 | 10.5 | 20 |
| 5 | 19 | 6.5 | 19 | 4.5 | 18 | 4 | 16 | 4.5 | 17 | 4 | 17 | 9.5 | 17 | 18 | 18 | 18 | 18 | 22 | 18 | 20 | 18 | 24 | 17 | 26 | 18 |
| 6 | 24 | 1.5 | 24 | 1.5 | 24 | 3 | 20 | 3 | 20 | 2 | 20 | 3 | 17 | 8.5 | 17 | 5.5 | 19 | 7.5 | 21 | 10.5 | 21 | 8.5 | 18 | 4.5 | 22 |
| 7 | 23 | 4 | 23 | 5.5 | 23 | 4.5 | 23 | 4 | 23 | 4 | 23 | 4 | 23 | 5.5 | 23 | 8.5 | 21 | 11 | 22 | 8.5 | 20 | 5.5 | 20 | 2 | 22 |
| 8 | 28 | 8.5 | 28 | 10.5 | 26 | 12 | 25 | 9.5 | 26 | 14 | 27 | 9.5 | 28 | 13 | 26 | 18 | 26 | 16 | 26 | 14 | 25 | 19 | 25 | 21 | 26 |
| 9 | 26 | 6.5 | 26 | 3 | 26 | 9.5 | 27 | 8.5 | 27 | 6.5 | 27 | 3 | 22 | 4.5 | 26 | 9.5 | 24 | 12 | 25 | 12 | 25 | 14 | 24 | 11 | 26 |
| 10 | 24 | 2 | 24 | 3 | 24 | 1.5 | 24 | 3 | 24 | 3 | 24 | 1.5 | 24 | 2 | 24 | 3 | 22 | 6.5 | 23 | 8.5 | 23 | 10.5 | 24 | 10.5 | 26 |
| 11 | 26 | 1.5 | 26 | 2 | 28 | 4 | 28 | 3 | 6 | 4 | 6 | 3 | 6 | 4 | 6 | 3 | 5 | 4 | 4 | 4.5 | 5 | 5.5 | 6 | 6.5 | 3 |
| 12 | 4 | 7.5 | 3 | 10.5 | 2 | 7.5 | 2 | 7.5 | 3 | 4.5 | 7 | 6.5 | 6 | 6.5 | 4 | 9.5 | 5 | 10.5 | 4 | 4.5 | 5 | 9.5 | 6 | 10.5 | 6 |
| 13 | 2 | 3 | 4 | 4.5 | 2 | 4.5 | 3 | 4.5 | 3 | 5.5 | 3 | 7.5 | 4 | 5.5 | 5 | 5.5 | 5 | 9.5 | 7 | 8.5 | 5 | 9.5 | 5 | 9.5 | 4 |
| 14 | 2 | 7.5 | 2 | 10.5 | 3 | 10.5 | 2 | 8.5 | 3 | 5.5 | 4 | 4 | 4 | 5.5 | 4 | 5.5 | 2 | 6.5 | 2 | 5.5 | 6 | 6.5 | 6 | 6.5 | 6 |
| 15 | 3 | 9.5 | 3 | 7.5 | 2 | 6.5 | 3 | 6.5 | 4 | 6.5 | 4 | 6.5 | 4 | 8.5 | 8 | 7.5 | 9 | 10.5 | 9 | 7.5 | 7 | 6.5 | 4 | 5.5 | 5 |
| 16 | 2 | 5.5 | 2 | 5.5 | 1 | 4.5 | 4 | 5.5 | 3 | 5.5 | 6 | 7.5 | 6 | 7.5 | 9 | 6.5 | 9 | 8.5 | 7 | 8.5 | 7 | 6.5 | 6 | 8.5 | 5 |
| 17 | 4 | 9.5 | 3 | 8.5 | 4 | 10.5 | 5 | 11 | 4 | 6.5 | 3 | 8.5 | 4 | 8.5 | 5 | 8.5 | 7 | 11 | 6 | 13 | 7 | 12 | 7 | 11 | 7 |
| 18 | 5 | 5.5 | 4 | 5.5 | 4 | 6.5 | 4 | 7.5 | 5 | 7.5 | 5 | 5.5 | 5 | 7.5 | 5 | 8.5 | 7 | 7.5 | 6 | 8.5 | 6 | 12 | 6 | 9.5 | 5 |
| 19 | 4 | 4 | 4 | 4.5 | 7 | 8.5 | 8 | 4.5 | 8 | 3 | 8 | 5.5 | 7 | 7.5 | 7 | 6.5 | 6 | 7.5 | 7 | 8.5 | 9 | 10.5 | 5 | 7.5 | 7 |
| 20 | 4 | 4 | 4 | 3 | 4 | 1.5 | 4 | 2 | 4 | 3 | 4 | 4 | 4 | 2 | 4 | 3 | 4 | 3 | 4 | 3 | 4 | 3 | 11 | 21 | 3 |
| 21 | 3 | 4.5 | 3 | 6.5 | 2 | 5.5 | 2 | 5.5 | 2 | 6.5 | 4 | 5.5 | 3 | 4.5 | 9 | 6.5 | 9 | 8.5 | 5 | 8.5 | 6 | 9.5 | 7 | 10.5 | 8 |
| 22 | 2 | 6.5 | 3 | 6.5 | 2 | 5.5 | 2 | 5.5 | 2 | 3 | 2 | 5.5 | 4 | 4.5 | 9 | 7.5 | 3 | 6.5 | 5 | 8.5 | 7 | 6.5 | 7 | 7.5 | 5 |
| 23 | 3 | 6.5 | 3 | 5.5 | 3 | 4.5 | 3 | 4 | 3 | 4 | 3 | 4.5 | 4 | 4.5 | 5 | 7.5 | 4 | 6.5 | 3 | 6.5 | 4 | 7.5 | 4 | 6.5 | 5 |
| 24 | 4 | 4.5 | 3 | 4.5 | 2 | 4.5 | 2 | 3 | 2 | 3 | 2 | 3 | 2 | 3 | 2 | 3 | 4 | 5.5 | 4 | 7.5 | 4 | 7.5 | 4 | 5.5 | 4 |
| 25 | 3 | 6.5 | 4 | 6.5 | 3 | 5.5 | 3 | 5.5 | 3 | 5.5 | 4 | 5.5 | 3 | 7.5 | 4 | 6.5 | 6 | 8.5 | 7 | 11 | 7 | 9.5 | 7 | 12 | 8 |
| 26 | 5 | 7.5 | 6 | 8.5 | 3 | 5.5 | 4 | 10.5 | 3 | 9.5 | 2 | 11 | 3 | 13 | 5 | 9.5 | 4 | 10.5 | 5 | 9.5 | 4 | 7.5 | 4 | 11 | 4 |
| 27 | 2 | 4.5 | 2 | 6.5 | 2 | 4.5 | 2 | 4.5 | 3 | 4.5 | 3 | 3 | 3 | 4.3 | 3 | 4.5 | 6 | 4.5 | 5 | 3 | 5 | 4 | 25 | 4.5 | 27 |
| 28 | 2 | 3 | 2 | 4 | 2 | 4 | 2 | 4.5 | 2 | 5.5 | 4 | 4.5 | 3 | 4 | 4 | 4.5 | 4 | 7.5 | 4 | 9.5 | 8 | 6.5 | 10 | 7.5 | 7 |
| 29 | 2 | 8.5 | 6 | 5.5 | 6 | 4 | 6 | 7.5 | 5 | 5.5 | 31 | 3.5 | 6 | 10.5 | 4 | 10.5 | 6 | 9.5 | 7 | 15 | 7 | 15 | 7 | 14 | 9 |
| 30 | 3 | 9.5 | 6 | 11 | 4 | 12 | 2 | 9.5 | 6 | 6.5 | 2 | 8.5 | 4 | 11 | 4 | 8.5 | 6 | 9.5 | 6 | 14 | 6 | 12 | 8 | 12 | 8 |
| 31 | 8 | 4.5 | 6 | 4 | 5 | 4 | 6 | 4 | 5 | 4.5 | 4 | 4.5 | 4 | 5.5 | 3 | 5.5 | 4 | 5.5 | 2 | 5.5 | 5 | 4.5 | 4 | 5.5 | 4 |

## RAINFALL

RAIN GAUGE { HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 377 FEET.

| DAYS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | . | . | . | . | . | ·005 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 2 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 3 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | ·023 |
| 4 | ·010 | ·100 | ·031 | ·036 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 5 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | ·020 | ·220 | ·205 | ·155 | ·140 | ·060 | ·060 | ·040 | ·010 | ·008 |
| 6 | ·002 | . | . | . | . | . | . | ·002 | ·003 | ·005 | . | . | . | . | . | . | ·050 | ·085 | . | . | . | . | . | . |
| 7 | . | . | . | . | ·004 | ·003 | ·002 | ·001 | ·001 | . | . | . | ·033 | ·050 | ·080 | ·160 | ·207 | ·110 | ·010 | ·045 | ·040 | ·005 | ·005 | . |
| 8 | ·001 | ·001 | ·001 | ·001 | ·001 | . | ·005 | . | ·005 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 9 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 10 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 11 | . | ·002 | ·001 | ·002 | ·001 | ·002 | ·001 | ·001 | ·001 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 12 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 13 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 14 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 15 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 16 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 17 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 18 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 19 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 20 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 21 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 22 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 23 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 24 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 25 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 26 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 27 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 28 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 29 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 30 | . | . | ·050 | ·055 | ·060 | ·010 | ·004 | . | ·005 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 31 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |

* Record defective or Instrument out of action. † Obtained from reading of Standard. ‡ Approxima

# HOURLY VALUES AUGUST 1880.

## AND VELOCITY IN MILES PER HOUR.

| 3 | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | | 10 | | 11 | | MIDT. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | DAYS |
| 15 | 25 | 16 | 26 | 13 | 26 | 13 | 25 | 12 | 26 | 9.5 | 25 | 4.5 | 24 | 3 | 24 | 3 | 24 | 2 | 24 | 3 | 1 |
| 19 | 26 | 17 | 26 | 17 | 25 | 19 | 24 | 16 | 25 | 15 | 25 | 10.5 | 25 | 8.5 | 26 | 5.5 | 26 | 6.5 | 27 | 4.5 | 2 |
| 13 | 24 | 14 | 24 | 10.5 | 24 | 7.5 | 25 | 7.5 | 25 | 4 | 25 | 3 | 25 | 1.5 | 25 | 1.5 | 25 | 1.5 | 25 | 2 | 3 |
| 10.5 | 23 | 12 | 24 | 14 | 24 | 11 | 23 | 9.5 | 23 | 8.5 | 23 | 4.5 | 23 | 3 | 23 | 2 | 23 | 4.5 | 20 | 6.5 | 4 |
| 11 | 22 | 6.5 | 20 | 6.5 | 21 | 8.5 | 21 | 10.5 | 20 | 8.5 | 20 | 10.5 | 19 | 7.5 | 23 | 4.5 | 22 | 6.5 | 24 | 5.5 | 5 |
| 6.5 | 28 | 4 | 24 | 11 | 25 | 12 | 24 | 7.5 | 24 | 8.5 | 24 | 11 | 23 | 7.5 | 23 | 4 | 23 | 7.5 | 24 | 4.5 | 6 |
| 5.5 | 11 | 4 | 3 | 10.5 | 3 | 11 | 2 | 12 | 2 | 7.5 | 1 | 10.5 | 30 | 10.5 | 29 | 8.5 | 30 | 5.5 | 28 | 7.5 | 7 |
| 23 | 25 | 19 | 25 | 19 | 25 | 14 | 24 | 14 | 24 | 14 | 25 | 9.5 | 25 | 8.5 | 25 | 7.5 | 25 | 6.5 | 26 | 4.5 | 8 |
| 12 | 25 | 12 | 25 | 11 | 23 | 14 | 24 | 8.5 | 24 | 3 | 24 | 4 | 24 | 3 | 24 | 3 | 24 | 2 | 24 | 2 | 9 |
| 8.5 | 25 | 7.5 | 26 | 6.5 | 27 | 9.5 | 28 | 6.5 | 27 | 4 | 26 | 3 | 26 | 2 | 26 | 3 | 26 | 3 | 26 | 2 | 10 |
| 5.5 | 8 | 8.5 | 3 | 6.5 | 5 | 9.5 | 5 | 8.5 | 5 | 8.5 | 4 | 8.5 | 3 | 6.5 | 3 | 7.5 | 4 | 6.5 | 3 | 6.5 | 11 |
| 11 | 6 | 9.5 | 4 | 8.5 | 6 | 8.5 | 4 | 9.5 | 3 | 9.5 | 2 | 9.5 | 2 | 6.5 | 2 | 6.5 | 2 | 6.5 | 2 | 4.5 | 12 |
| 11 | 4 | 10.5 | 5 | 10.5 | 4 | 10.5 | 4 | 10.5 | 3 | 6.5 | 3 | 5.5 | 3 | 4.5 | 2 | 6.5 | 4 | 7.5 | 2 | 8.5 | 13 |
| 6.5 | 6 | 7.5 | 6 | 8.5 | 5 | 9.5 | 5 | 6.5 | 4 | 5.5 | 4 | 5.5 | 2 | 9.5 | 2 | 8.5 | 6 | 5.5 | 4 | 7.5 | 14 |
| 7.5 | 6 | 7.5 | 9 | 10.5 | 6 | 7.5 | 4 | 4.5 | 2 | 6.5 | 3 | 7.5 | 2 | 8.5 | 2 | 8.5 | 3 | 7.5 | 2 | 6.5 | 15 |
| 9.5 | 6 | 9.5 | 7 | 10.5 | 4 | 11 | 5 | 11 | 5 | 10.5 | 4 | 8.5 | 7 | 8.5 | 7 | 11 | 6 | 10.5 | 5 | 9.5 | 16 |
| 13 | 7 | 12 | 5 | 11 | 7 | 12 | 6 | 9.5 | 5 | 10.5 | 5 | 8.5 | 6 | 6.5 | 6 | 7.5 | 4 | 5.5 | 6 | 5.5 | 17 |
| 9.5 | 7 | 11 | 8 | 9.5 | 6 | 7.5 | 5 | 5.5 | 5 | 5.5 | 6 | 7.5 | 6 | 6.5 | 7 | 4 | 5 | 4.5 | 4 | 4.5 | 18 |
| 10.5 | 8 | 7.5 | 3 | 5.5 | 4 | 5.5 | 6 | 4.5 | 6 | 4 | 7 | 4.5 | 7 | 3 | 4 | 4 | 4 | 4.5 | 4 | 4 | 19 |
| 3 | 8 | 3 | 8 | 4.5 | 9 | 6.5 | 10 | 4.5 | 9 | 2 | 10 | 2 | 9 | 3 | 7 | 4 | 3 | 4 | 3 | 4.5 | 20 |
| 10.5 | 10 | 11 | 11 | 10.5 | 9 | 8.5 | 8 | 7.5 | 7 | 7.5 | 6 | 5.5 | 5 | 4.5 | 3 | 5.5 | 3 | 5.5 | 2 | 7.5 | 21 |
| 8.5 | 5 | 7.5 | 5 | 8.5 | 4 | 8.5 | 6 | 6.5 | 4 | 5.5 | 6 | 4 | 6 | 4 | 5 | 5.5 | 6 | 5.5 | 5 | 5.5 | 22 |
| 6.5 | 6 | 6.5 | 5 | 6.5 | 5 | 6.5 | 4 | 5.5 | 5 | 6.5 | 4 | 5.5 | 4 | 5.5 | 4 | 4.5 | 4 | 3 | 4 | 3 | 23 |
| 9.5 | 3 | 10.5 | 4 | 8.5 | 3 | 10.5 | 3 | 7.5 | 4 | 8.5 | 3 | 8.5 | 3 | 5.5 | 3 | 7.5 | 3 | 6.5 | 4 | 8.5 | 24 |
| 13 | 8 | 10.5 | 8 | 11 | 8 | 7.5 | 5 | 6.5 | 3 | 6.5 | 3 | 7.5 | 4 | 6.5 | 6 | 4.5 | 4 | 6.5 | 6 | 7.5 | 25 |
| 6.5 | 8 | 9.5 | 6 | 7.5 | 6 | 5.5 | 6 | 6.5 | 4 | 6.5 | 3 | 6.5 | 3 | 7.5 | 2 | 6.5 | 2 | 5.5 | 2 | 4.5 | 26 |
| 5.5 | 20 | 6.5 | 24 | 7.5 | 26 | 4.5 | 26 | 4 | 26 | 4 | 2 | 4.5 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 27 |
| 9.5 | 9 | 7.5 | 8 | 9.5 | 7 | 7.5 | 4 | 7.5 | 3 | 6.5 | 3 | 6.5 | 4 | 7.5 | 3 | 9.5 | 3 | 11 | 2 | 10.5 | 28 |
| 14 | 7 | 15 | 7 | 11 | 6 | 11 | 5 | 8.5 | 5 | 8.5 | 6 | 11 | 5 | 10.5 | 6 | 8.5 | 4 | 9.5 | 6 | 8.5 | 29 |
| 11 | 10 | 11 | 8 | 13 | 7 | 6.5 | 5 | 6.5 | 4 | 6.5 | 8 | 14 | 8 | 8.5 | 5 | 5.5 | 4 | 6.5 | 6 | 6.5 | 30 |
| 3 | 29 | 4 | 26 | 5.5 | 28 | 4 | 28 | 3 | 28 | 5.5 | 4 | 3 | 28 | 3 | 28 | 3 | 28 | 1.5 | 32 | 3 | 31 |

# VAPOUR TENSION

## IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

| 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT | | DAYS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 338 | 327 | 314 | 313 | 326 | 360 | 349 | 371 | 372 | 362 | 370 | 373 | 355 | 362 | 354 | 352 | 361 | 376 | 380 | 400 | 397 | 398 | 398 | | 1 |
| 397 | 396 | 389 | 391 | 400 | 392 | 319 | 312 | 315 | 326 | 334 | 362 | 355 | 365 | 360 | 344 | 354 | 359 | 365 | 367 | 330 | 339 | 342 | | 2 |
| 343 | 340 | 342 | 351 | 371 | 357 | 385 | 361 | 362 | 364 | 371 | 355 | 361 | 385 | 383 | 383 | 389 | 418 | 414 | 417 | 420 | 428 | 419 | | 3 |
| 425 | 425 | 428 | 434 | 434 | 466 | 493 | 498 | 505 | 510 | 509 | 513 | 518 | 500 | 463 | 465 | 475 | 478 | 484 | 470 | 472 | 480 | 452 | | 4 |
| 449 | 441 | 449 | 456 | 473 | 480 | 472 | 479 | 468 | 478 | 490 | 480 | 479 | 504 | 502 | 503 | 503 | 505 | 503 | 467 | 467 | 478 | 427 | | 5 |
| 429 | 431 | 410 | 431 | 432 | 432 | 430 | 415 | 435 | 439 | 434 | 437 | 460 | 450 | 447 | 452 | 438 | 429 | 410 | 397 | 376 | 384 | 376 | | 6 |
| 369 | 387 | 375 | 365 | 402 | 430 | 418 | 395 | 392 | 374 | 376 | 394 | 400 | 394 | 376 | 352 | 349 | 351 | 340 | 340 | 347 | 334 | 331 | | 7 |
| 367 | 359 | 360 | 365 | 360 | 388 | 397 | 403 | 399 | 410 | 403 | 419 | 396 | 386 | 410 | 400 | 398 | 401 | 399 | 406 | 396 | 390 | 381 | | 8 |
| 359 | 366 | 341 | 338 | 372 | 402 | 356 | 378 | 355 | 350 | 364 | 363 | 354 | 354 | 350 | 330 | 347 | 348 | 336 | 345 | 335 | 339 | 345 | | 9 |
| 327 | 329 | 324 | 304 | 335 | 353 | 385 | 433 | 469 | 477 | 500 | 519 | 521 | 541 | 527 | 527 | 503 | 524 | 513 | 577 | 570 | 512 | 501 | | 10 |
| 492 | 493 | 494 | 488 | 490 | 494 | 513 | 543 | 552 | 482 | 523 | 567 | 560 | †535 | 528 | 516 | 493 | 507 | 489 | 479 | 468 | 453 | 412 | | 11 |
| 381 | 376 | 375 | 381 | 407 | 419 | 440 | 454 | 477 | 434 | 474 | 493 | 475 | 482 | 464 | 465 | 480 | 466 | 457 | 456 | 429 | 396 | 381 | | 12 |
| 414 | 412 | 407 | 417 | 416 | 446 | 461 | 470 | 466 | 484 | 522 | 511 | 499 | 528 | 519 | 505 | 469 | 450 | 428 | 432 | 421 | 407 | 403 | ✓ | 13 |
| 400 | 394 | 385 | 389 | 391 | 409 | 419 | 445 | 452 | 516 | 511 | 497 | 491 | 510 | 483 | 491 | 476 | 450 | 447 | 415 | 395 | 402 | 399 | | 14 |
| 393 | 395 | 397 | 399 | 406 | 401 | 415 | 417 | 427 | 430 | 446 | 451 | 456 | 476 | 471 | 478 | 448 | 444 | 423 | 407 | 402 | 396 | 388 | | 15 |
| 376 | 378 | 396 | 378 | 385 | 406 | 395 | 409 | 430 | 449 | 443 | 467 | 484 | 474 | 463 | 461 | 426 | 427 | 408 | * | 397 | 403 | 393 | | 16 |
| 385 | 401 | 400 | 398 | 399 | 396 | 401 | 405 | 406 | 410 | 418 | 427 | 424 | 424 | 421 | * | †414 | ... | ... | * | * | ... | ... | | 17 |
| ... | ... | * | ... | ... | ... | †400 | * | †383 | * | †397 | * | †394 | * | †392 | * | †392 | * | 385 | 389 | 383 | 377 | 380 | | 18 |
| 378 | 363 | 360 | 358 | 354 | 350 | 347 | 342 | 356 | 353 | 359 | 372 | 366 | 394 | 414 | 420 | 414 | 401 | 392 | 402 | 393 | 390 | 387 | | 19 |
| 391 | 383 | 374 | 381 | 373 | 396 | 418 | 415 | 416 | 431 | 441 | 427 | 435 | 442 | 443 | 458 | 453 | 460 | 439 | 423 | 418 | 416 | 412 | | 20 |
| 387 | 400 | 403 | 396 | 401 | 414 | 412 | 412 | 415 | 408 | 407 | 421 | 437 | 436 | 439 | 422 | 418 | 411 | 407 | 397 | 390 | 387 | 372 | | 21 |
| 385 | 396 | 397 | 391 | 385 | 401 | 384 | 395 | 382 | 379 | 403 | 378 | 372 | 411 | 384 | 401 | 407 | 391 | 387 | 375 | 365 | 368 | 355 | | 22 |
| 361 | 355 | 355 | 368 | 365 | 375 | 377 | 390 | 375 | 378 | 380 | 401 | 409 | 416 | 406 | 406 | 408 | 393 | 379 | 386 | 393 | 397 | 378 | | 23 |
| 372 | 374 | 378 | 382 | 385 | 387 | 388 | 403 | 390 | 408 | 402 | 416 | 419 | 426 | 424 | 417 | 417 | 412 | 393 | 391 | 394 | 391 | 381 | | 24 |
| 380 | 360 | 359 | 368 | 360 | 371 | 389 | 374 | †383 | 350 | 385 | 387 | 385 | 392 | 390 | 388 | 400 | 377 | 373 | 380 | 385 | 383 | 365 | | 25 |
| 367 | 374 | 375 | 385 | 389 | 390 | 403 | 414 | 425 | 430 | 438 | 474 | 483 | 493 | 484 | 483 | 474 | 477 | 461 | 455 | 451 | 450 | 448 | | 26 |
| 435 | 434 | 369 | 422 | 421 | 444 | 450 | 455 | 477 | 486 | 492 | 516 | 530 | 538 | 546 | 531 | 520 | 507 | 505 | 490 | 499 | 490 | 486 | | 27 |
| 467 | 459 | 440 | 437 | 416 | 456 | 472 | 480 | 462 | 516 | 507 | 530 | 522 | 527 | 509 | 514 | 513 | 522 | 522 | 487 | 462 | 436 | 425 | | 28 |
| 403 | 402 | 405 | 404 | 399 | 403 | 407 | 443 | 403 | 389 | 393 | 358 | 379 | 436 | 457 | 415 | 431 | 420 | 407 | 413 | 419 | 426 | 427 | | 29 |
| 427 | 447 | 426 | 424 | 417 | 442 | 453 | 474 | 463 | 459 | 437 | 471 | 441 | 440 | 437 | 444 | 445 | 428 | 411 | 432 | 443 | 430 | 438 | ✓✓ | 30 |
| 436 | 441 | 428 | 427 | 413 | 435 | 439 | 459 | 461 | 484 | 488 | 476 | 450 | 439 | 492 | 515 | 519 | 452 | 432 | 438 | 436 | 433 | 431 | | 31 |


Meteorological Office,
116, Victoria Street, Westminster. S. W.
ROBERT H. SCOTT, Secretary.

KEW OBSERVATORY LAT: 51° 28′ N. LONG: 0° 19′

# BAROMETER

| DAYS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 29.676 | 29.655 | 29.637 | 29.617 | 29.603 | 29.595 | 29.589 | 29.591 | 29.586 | 29.589 | 29.591 | 29.589 | 29. |
| 2 | .635 | .631 | .626 | .621 | .615 | .613 | .623 | .629 | .633 | .639 | .640 | .649 | . |
| 3 | .793 | .800 | .809 | .813 | .823 | .837 | .853 | .861 | .871 | .873 | .879 | .873 | . |
| 4 | .905 | .897 | .895 | .896 | .889 | .894 | .896 | .899 | .905 | .907 | .897 | .893 | . |
| 5 | .857 | .843 | .843 | .846 | .845 | .843 | .841 | .842 | .835 | .824 | .815 | .800 | . |
| 6 | .686 | .667 | .653 | .653 | .641 | .632 | .625 | .615 | .609 | .612 | .604 | .600 | . |
| 7 | .594 | .600 | .602 | .606 | .612 | .621 | .619 | .610 | .602 | .580 | .561 | .542 | . |
| 8 | .340 | .378 | .412 | .454 | .479 | .509 | .530 | .552 | .568 | .602 | .618 | 29.639 | 29. |
| 9 | 29.855 | 29.863 | 29.867 | 29.890 | 29.909 | 29.927 | 29.971 | 29.969 | 29.981 | 29.993 | 29.994 | 30.014 | 30. |
| 10 | 30.206 | 30.214 | 30.216 | 30.226 | 30.238 | 30.260 | 30.270 | 30.277 | 30.274 | 30.277 | 30.270 | .265 | . |
| 11 | .243 | .238 | .232 | .228 | .227 | .232 | .235 | .243 | .238 | .222 | .220 | .211 | . |
| 12 | .186 | .182 | .186 | .184 | .183 | .189 | .194 | .187 | .188 | .180 | .186 | .179 | . |
| 13 | .115 | .114 | .103 | .101 | .095 | .099 | .103 | .103 | .108 | .101 | .098 | .092 | . |
| 14 | .080 | .078 | .072 | .070 | .072 | .068 | .080 | .080 | .079 | .075 | .076 | .064 | . |
| 15 | .062 | .066 | .066 | .068 | .066 | .068 | .068 | .069 | .071 | .072 | .073 | .075 | . |
| 16 | .063 | .057 | .053 | .051 | .055 | .063 | .059 | .061 | .058 | .057 | .061 | .058 | . |
| 17 | .065 | .059 | .060 | .055 | .050 | .059 | .069 | .071 | .079 | .085 | .090 | .082 | . |
| 18 | .122 | .114 | .110 | .115 | .114 | .112 | .116 | .116 | .118 | .118 | .114 | .106 | . |
| 19 | 30.062 | 30.058 | 30.048 | 30.033 | 30.024 | .026 | .034 | .043 | .038 | .043 | .032 | .017 | . |
| 20 | 29.994 | 29.992 | 29.994 | 29.994 | 29.998 | .004 | .014 | .018 | .024 | .026 | .032 | .029 | . |
| 21 | 30.066 | 30.070 | 30.074 | 30.078 | 30.080 | .100 | .102 | .104 | .092 | .088 | .083 | .070 | . |
| 22 | .048 | .040 | .036 | .032 | .030 | .034 | .032 | .032 | .034 | .042 | .043 | .031 | . |
| 23 | .047 | .040 | .029 | .016 | .019 | .017 | .016 | .023 | .019 | .025 | .021 | .024 | . |
| 24 | .014 | 30.012 | 30.012 | 30.012 | 30.012 | 30.010 | 30.022 | 30.020 | 30.024 | 30.022 | 30.015 | 30.008 | 30. |
| 25 | 30.003 | 29.995 | 29.995 | 29.973 | 29.971 | 29.977 | 29.981 | 29.981 | 29.981 | 29.977 | 29.978 | 29.972 | 29. |
| 26 | 29.894 | .892 | .890 | .898 | 29.882 | 29.882 | 29.864 | 29.866 | 29.870 | 29.878 | 29.881 | 29.876 | 29. |
| 27 | 29.961 | 29.968 | 29.980 | 29.986 | 30.006 | 30.026 | 30.050 | 30.068 | 30.084 | 30.092 | 30.102 | 30.105 | 30. |
| 28 | 30.165 | 30.164 | 30.159 | 30.164 | .169 | .180 | .188 | .188 | .194 | .192 | .180 | .166 | 30. |
| 29 | 30.118 | 30.110 | 30.098 | 30.078 | 30.070 | 30.072 | 30.065 | 30.058 | 30.046 | 30.034 | 30.027 | 30.013 | 29. |
| 30 | 29.917 | 29.907 | 29.905 | 29.905 | 29.907 | 29.921 | 29.921 | 29.924 | 29.923 | 29.925 | 29.925 | 29.923 | 29. |
| 31 | 29.949 | 29.949 | 29.953 | 29.961 | 29.967 | 29.983 | 30.003 | 30.011 | 30.017 | 30.021 | 30.023 | 30.022 | 30. |

# DRY BULB THERMOMETER

10 FEET ABOVE GROUND.

| DAYS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 55.9 | 55.5 | 54.9 | 54.7 | 54.5 | 54.4 | 54.0 | 54.0 | 54.6 | 57.2 | 59.0 | 61.0 | 63.6 | 63.4 | 61.6 | 62.3 | 62.3 | 61.8 | 60.8 | 58.5 | 56.1 | 54.0 | 53.5 | 52.1 |
| 2 | 57.3 | 57.0 | 57.0 | 57.5 | 57.5 | 53.5 | 54.9 | 57.0 | 59.8 | 58.6 | 59.0 | 58.0 | 58.5 | 61.0 | 63.1 | 64.1 | 65.9 | 61.0 | 60.8 | 58.0 | 56.5 | 56.1 | 54.7 | 52.2 |
| 3 | 51.0 | 50.7 | 50.1 | 49.7 | 50.5 | 51.3 | 54.0 | 58.6 | 60.0 | 62.0 | 64.1 | 64.9 | 67.8 | 67.1 | 68.6 | 69.0 | 69.0 | 66.5 | 65.2 | 63.0 | 62.4 | 61.5 | 61.0 | 60.3 |
| 4 | 59.8 | 59.2 | 58.3 | 58.0 | 58.3 | 59.0 | 61.0 | 63.0 | 63.6 | 65.8 | 67.4 | 67.3 | 68.6 | 69.3 | 70.0 | 71.5 | 69.0 | 70.5 | 68.0 | 64.2 | 62.0 | 60.3 | 59.1 | 59.0 |
| 5 | 60.0 | 59.5 | 59.5 | 59.1 | 59.0 | 59.3 | 60.0 | 61.5 | 64.5 | 67.1 | 71.2 | 73.1 | 73.0 | 72.0 | 73.0 | 73.0 | 72.1 | 71.0 | 69.0 | 65.8 | 64.5 | 63.2 | 61.0 | 60.5 |
| 6 | 60.0 | 59.0 | 59.0 | 58.2 | 59.0 | 59.5 | 62.0 | 64.5 | 66.0 | 65.6 | 68.3 | 68.6 | 66.8 | 66.4 | 65.2 | 64.1 | 64.0 | 64.3 | 63.6 | 62.3 | 61.5 | 60.8 | 60.5 | 57.0 |
| 7 | 55.3 | 54.3 | 53.0 | 52.6 | 52.5 | 54.0 | 55.8 | 59.5 | 62.3 | 62.2 | 64.6 | 63.0 | 61.5 | 61.0 | 59.0 | 57.7 | 58.7 | 60.2 | 61.2 | 59.5 | 56.5 | 56.5 | 55.0 | 55.5 |
| 8 | 55.2 | 54.0 | 55.8 | 55.0 | 54.5 | 54.8 | 57.5 | 58.7 | 60.9 | 59.8 | 63.0 | 62.0 | 63.0 | 63.2 | 66.6 | 66.1 | 64.0 | 61.0 | 61.0 | 60.8 | 58.7 | 57.2 | 55.6 | 54.8 |
| 9 | 53.1 | 52.0 | 52.0 | 51.5 | 50.6 | 52.3 | 55.1 | 58.2 | 60.8 | 63.0 | 66.5 | 67.5 | 70.5 | 70.0 | 71.6 | 71.1 | 71.5 | 70.5 | 70.2 | 63.5 | 62.3 | 60.3 | 58.5 | 56.1 |
| 10 | 55.1 | 54.0 | 53.0 | 52.3 | 51.1 | 53.0 | 56.5 | 59.2 | 63.0 | 66.9 | 69.0 | 71.0 | 72.4 | 73.5 | 74.9 | 75.5 | 75.0 | 75.3 | 73.0 | 66.8 | 63.6 | 62.2 | 62.3 | 61.0 |
| 11 | 61.0 | 59.5 | 59.9 | 60.0 | 59.9 | 60.9 | 62.9 | 66.5 | 68.0 | 69.5 | 71.8 | 71.8 | 73.2 | 74.1 | 75.0 | 73.6 | 73.0 | 70.0 | 66.5 | 65.2 | 64.7 | 64.6 | 63.0 | 61.3 |
| 12 | 60.0 | 58.5 | 58.2 | 58.2 | 57.8 | 58.0 | 59.5 | 61.4 | 62.5 | 64.3 | 65.5 | 66.7 | 68.8 | 70.0 | 71.5 | 71.5 | 72.5 | 71.8 | 69.0 | 66.0 | 64.0 | 62.0 | 61.1 | 61.5 |
| 13 | 60.9 | 60.6 | 60.4 | 60.0 | 59.8 | 60.3 | 61.0 | 61.0 | 61.3 | 63.0 | 64.6 | 67.2 | 69.3 | 70.8 | 73.0 | 73.0 | 74.3 | 74.0 | 71.5 | 67.0 | 64.0 | 63.0 | 62.3 | 61.5 |
| 14 | 61.0 | 60.0 | 59.6 | 59.4 | 60.0 | 60.5 | 60.6 | 61.0 | 61.6 | 62.4 | 64.7 | 68.5 | 69.1 | 70.0 | 70.0 | 67.2 | 66.4 | 65.0 | 63.9 | 63.0 | 62.0 | 61.3 | 60.8 | 60.4 |
| 15 | 60.0 | 59.9 | 60.0 | 59.5 | 59.9 | 59.8 | 60.0 | 60.5 | 61.2 | 63.4 | 63.6 | 64.0 | 63.8 | 64.0 | 64.6 | 65.0 | 64.4 | 63.0 | 62.1 | 61.5 | 60.6 | 60.0 | 59.6 | 59.0 |
| 16 | 59.0 | 58.5 | 58.0 | 57.5 | 57.5 | 57.5 | 58.0 | 58.5 | 59.0 | 59.6 | 60.7 | 62.5 | 62.5 | 63.7 | 65.0 | 65.0 | 64.6 | 64.0 | 63.0 | 62.2 | 61.9 | 61.2 | 60.6 | 60.0 |
| 17 | 59.7 | 59.8 | 60.0 | 60.0 | 59.1 | 59.2 | 60.0 | 61.1 | 63.0 | 64.6 | 66.0 | 68.0 | 70.0 | 71.5 | 71.5 | 71.2 | 71.0 | 67.6 | 65.0 | 63.0 | 62.0 | 61.3 | 60.5 | 60.0 |
| 18 | 59.8 | 59.2 | 59.0 | 58.1 | 58.1 | 58.3 | 59.0 | 60.0 | 61.0 | 62.3 | 63.8 | 65.0 | 66.3 | 66.2 | 65.6 | 65.5 | 65.0 | 64.0 | 63.2 | 62.2 | 61.9 | 61.1 | 60.9 | 60.4 |
| 19 | 59.4 | 58.8 | 58.2 | 58.1 | 58.1 | 58.1 | 58.6 | 58.8 | 60.3 | 60.8 | 64.2 | 67.0 | 69.0 | 70.8 | 71.6 | 72.0 | 72.0 | 70.8 | 67.8 | 64.2 | 63.0 | 62.7 | 62.6 | 62.9 |
| 20 | 62.3 | 62.0 | 61.8 | 61.5 | 61.1 | 61.0 | 61.9 | 61.7 | 62.5 | 62.5 | 63.5 | 63.5 | 65.0 | 65.8 | 67.0 | 67.8 | 67.0 | 66.4 | 65.0 | 63.0 | 61.8 | 60.8 | 61.0 | 61.0 |
| 21 | 60.8 | 60.8 | 60.9 | 59.8 | 59.4 | 59.4 | 60.5 | 61.5 | 63.5 | 64.6 | 66.8 | 68.0 | 69.8 | 70.0 | 72.6 | 71.4 | 71.3 | 69.5 | 66.5 | 63.1 | 61.6 | 60.8 | 60.0 | 59.9 |
| 22 | 60.0 | 59.7 | 59.4 | 59.3 | 59.1 | 58.8 | 59.9 | 61.4 | 63.0 | 63.0 | 64.0 | 66.5 | 68.2 | 67.6 | 69.8 | 69.4 | 68.0 | 66.5 | 65.0 | 61.0 | 59.8 | 57.1 | 56.1 | 55.7 |
| 23 | 55.0 | 54.2 | 54.0 | 54.3 | 55.9 | 56.6 | 57.5 | 58.0 | 59.0 | 61.0 | 62.0 | 62.0 | 64.0 | 65.2 | 65.5 | 66.0 | 66.4 | 65.8 | 64.7 | 62.5 | 60.1 | 59.8 | 57.1 | 56.1 |
| 24 | 55.5 | 54.9 | 54.6 | 54.8 | 54.2 | 55.7 | 57.5 | 58.6 | 61.0 | 62.8 | 64.4 | 65.9 | 67.1 | 67.6 | 68.0 | 68.0 | 67.8 | 66.7 | 65.6 | 62.0 | 60.8 | 60.7 | 59.0 | 58.0 |
| 25 | 57.7 | 57.0 | 57.9 | 57.0 | 57.9 | 58.9 | 60.0 | 60.2 | 62.0 | 62.5 | 63.4 | 62.9 | 63.0 | 63.7 | 64.3 | 64.5 | 63.1 | 62.4 | 62.0 | 61.5 | 61.5 | 61.3 | 61.0 | 61.0 |
| 26 | 61.0 | 60.8 | 60.3 | 60.3 | 60.0 | 60.1 | 61.0 | 62.3 | 63.0 | 65.0 | 66.5 | 68.0 | 70.0 | 71.0 | 70.8 | 71.5 | 70.6 | 69.0 | 68.0 | 65.5 | 63.4 | 62.0 | 61.1 | 61.0 |
| 27 | 61.1 | 61.0 | 61.0 | 61.0 | 61.3 | 61.5 | 60.6 | 60.6 | 60.4 | 61.4 | 64.9 | 65.5 | 66.5 | 67.7 | 68.0 | 68.2 | 68.5 | 66.0 | 63.6 | 62.5 | 63.0 | 63.0 | 63.0 | 63.0 |
| 28 | 62.9 | 61.6 | 61.8 | 61.0 | 60.6 | 60.6 | 61.0 | 61.6 | 63.0 | 64.0 | 67.8 | 71.0 | 75.0 | 76.7 | 77.6 | 76.8 | 76.5 | 74.4 | 69.7 | 67.0 | 65.0 | 64.1 | 63.5 | 62.6 |
| 29 | 62.0 | 60.2 | 60.0 | 68.8 | 58.7 | 58.8 | 59.4 | 61.0 | 62.4 | 63.5 | 66.0 | 68.0 | 68.3 | 70.0 | 71.0 | 69.8 | 68.9 | 66.6 | 64.8 | 62.9 | 62.8 | 61.7 | 61.6 | 60.0 |
| 30 | 60.3 | 60.7 | 60.0 | 59.8 | 59.5 | 60.0 | 63.5 | 65.0 | 67.1 | 66.6 | 67.5 | 68.0 | 68.1 | 67.7 | 68.0 | 67.2 | 66.6 | 64.9 | 66.0 | 63.5 | 62.2 | 57.4 | 57.2 | 56.0 |
| 31 | 56.3 | 56.5 | 56.2 | 54.9 | 56.3 | 57.3 | 58.9 | 60.1 | 62.4 | 64.6 | 67.0 | 69.0 | 71.5 | 73.0 | 74.0 | 74.5 | 75.0 | 71.8 | 68.1 | 64.0 | 61.7 | 60.6 | 58.5 | 57.0 |

* Record defective or Instrument out of action † Reading of Standard ‡ Approximate

# HOURLY VALUES AUGUST 1880.

## CISTERN 34 FEET ABOVE MEAN SEA LEVEL.

| | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT. | MEANS. | DAYS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 83 | 29.585 | 29.597 | 29.601 | 29.613 | 29.623 | 29.630 | 29.638 | 29.650 | 29.646 | 29.639 | 29.613 | 1 |
| .54 | .663 | .660 | .665 | .683 | .699 | .725 | .745 | .765 | .777 | .787 | 29.668 | 2 |
| .77 | .877 | .874 | .875 | .887 | .891 | .903 | .911 | .911 | .914 | .911 | 29.866 | 3 |
| .87 | .879 | .869 | .869 | .869 | .869 | .877 | .875 | .879 | .877 | .867 | 29.887 | 4 |
| .83 | .769 | .751 | .743 | .742 | .743 | .745 | .741 | .737 | .723 | .711 | 29.792 | 5 |
| .86 | .570 | .558 | .550 | .551 | .550 | .556 | .562 | .572 | .578 | .592 | 29.601 | 6 |
| .66 | .422 | .362 | .286 | .231 | .192 | .178 | .168 | .200 | .244 | .292 | 29.446 | 7 |
| .69 | 29.672 | 29.691 | 29.721 | 29.747 | 29.759 | 29.780 | 29.803 | 29.821 | 29.839 | 29.847 | 29.629 | 8 |
| .34 | 30.042 | 30.056 | 30.069 | 30.083 | 30.104 | 30.128 | 30.143 | 30.160 | 30.178 | 30.197 | 30.019 | 9 |
| .48 | .244 | .234 | .232 | .230 | .235 | .240 | .236 | .242 | .250 | .246 | 30.245 | 10 |
| .85 | .170 | .162 | .158 | .166 | .176 | .188 | .196 | .194 | .192 | .189 | 30.206 | 11 |
| .60 | .145 | .131 | .119 | .119 | .119 | .128 | .130 | .125 | .121 | .117 | 30.159 | 12 |
| .80 | .074 | .057 | .052 | .046 | .048 | .060 | .076 | .083 | .084 | .084 | 30.086 | 13 |
| .46 | .044 | .042 | .046 | .052 | .056 | .069 | .071 | .070 | .074 | .072 | 30.067 | 14 |
| .79 | .073 | .063 | .055 | .053 | .059 | .077 | .078 | .075 | .073 | .066 | 30.069 | 15 |
| .42 | .029 | .023 | .023 | .023 | .031 | .042 | .051 | .062 | .067 | .071 | 30.051 | 16 |
| .58 | .056 | .054 | .054 | .072 | .084 | .104 | .106 | .122 | .122 | .122 | 30.077 | 17 |
| .93 | 30.084 | 30.072 | 30.060 | 30.056 | 30.064 | 30.074 | .074 | .076 | .078 | .072 | 30.095 | 18 |
| .92 | 29.980 | 29.966 | 29.958 | 29.972 | 29.964 | 29.990 | .000 | .004 | .008 | .001 | 30.012 | 19 |
| .22 | 30.020 | 30.010 | 30.008 | 30.014 | 30.030 | 30.044 | .052 | .068 | .072 | .073 | 30.023 | 20 |
| .44 | .030 | .024 | .018 | .020 | .022 | .026 | .044 | .056 | .063 | .063 | 30.061 | 21 |
| .15 | 30.007 | 30.007 | 30.003 | 30.008 | 30.021 | .047 | .051 | .049 | .066 | .055 | 30.032 | 22 |
| .04 | 29.997 | 29.984 | 29.983 | 29.988 | 29.990 | .006 | .012 | .020 | .018 | .016 | 30.014 | 23 |
| .99 | .993 | .990 | .989 | .987 | .995 | 30.000 | 30.003 | 30.009 | 30.007 | 30.007 | 30.007 | 24 |
| .63 | .956 | .939 | .930 | .938 | .934 | 29.940 | 29.941 | 29.938 | 29.925 | 29.908 | 29.961 | 25 |
| .76 | 29.881 | 29.876 | 29.882 | 29.886 | 29.899 | 29.922 | 29.940 | 29.943 | 29.948 | 29.952 | 29.894 | 26 |
| .13 | 30.118 | 30.114 | 30.124 | 30.129 | 30.146 | 30.162 | 30.164 | 30.166 | 30.166 | 30.168 | 30.088 | 27 |
| .42 | 30.134 | 30.120 | 30.114 | 30.116 | 30.122 | 30.138 | 30.140 | 30.136 | 30.136 | 30.130 | 30.154 | 28 |
| .65 | 29.951 | 29.943 | 29.934 | 29.937 | 29.943 | 29.951 | 29.941 | 29.941 | 29.945 | 29.933 | 30.067 | 29 |
| .26 | 29.925 | 29.929 | 29.927 | 29.927 | 29.943 | 29.951 | 29.954 | 29.959 | 29.959 | 29.953 | 29.928 | 30 |
| .16 | 30.024 | 30.032 | 30.040 | 30.050 | 30.062 | 30.082 | 30.093 | 30.108 | 30.120 | 30.127 | 30.026 | 31 |

## WET BULB THERMOMETER 10 FEET ABOVE GROUND.

| 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT. | MEANS. | DAYS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 53.6 | 53.0 | 53.3 | 53.5 | 52.7 | 52.5 | 52.4 | 52.3 | 53.9 | 54.1 | * | * | 55.5 | 55.0 | 55.4 | 55.5 | 56.0 | 55.9 | 55.2 | 53.8 | 52.0 | 52.0 | 53.3 | 53.9 | 1 |
| 50.1 | 50.1 | 50.1 | 51.0 | 52.0 | 53.0 | 54.7 | 56.5 | 56.7 | 56.6 | 56.3 | 56.4 | 56.2 | 56.8 | 57.0 | 58.5 | 60.1 | 60.5 | 57.0 | 55.0 | 52.3 | 51.0 | 50.5 | 54.5 | 2 |
| 49.4 | 48.1 | 48.2 | 48.7 | 49.4 | 51.8 | 54.9 | * | 56.0 | 57.0 | 57.0 | 58.8 | 57.8 | 57.7 | 58.0 | 58.2 | 59.0 | 59.3 | 59.0 | 58.4 | 58.5 | 58.3 | 58.0 | 55.2 | 3 |
| 57.6 | 57.0 | 56.5 | 56.6 | 57.0 | 58.0 | 59.5 | 60.3 | 61.8 | 62.6 | 62.0 | 63.0 | 63.0 | 64.2 | 65.5 | 63.7 | 64.3 | 63.0 | 61.0 | 59.7 | 58.5 | 57.5 | 57.0 | 60.3 | 4 |
| 57.5 | 57.6 | 57.3 | 57.4 | 57.8 | 58.5 | 59.4 | 61.5 | 62.8 | 66.2 | 66.2 | 66.0 | 64.5 | 65.0 | 64.5 | 63.6 | 63.7 | 63.0 | 61.0 | 60.3 | 59.0 | 57.6 | 58.0 | 61.1 | 5 |
| 57.5 | 57.5 | 57.0 | 57.9 | 58.0 | 60.0 | 60.9 | 60.7 | 61.0 | 62.3 | 63.0 | 62.4 | 62.8 | 62.1 | 61.0 | 62.0 | 61.5 | 60.5 | 59.9 | 59.4 | 58.6 | 56.8 | 54.0 | 59.8 | 6 |
| 52.0 | 51.4 | 51.2 | 51.2 | 52.3 | 54.0 | 56.3 | 57.7 | 57.0 | 58.4 | 57.0 | 57.5 | 57.0 | 56.6 | 56.1 | 57.0 | 59.0 | 59.2 | 55.3 | 54.3 | 54.7 | 52.4 | 52.9 | 55.1 | 7 |
| 57.5 | 52.2 | 51.4 | 51.0 | 51.4 | 53.5 | 54.1 | 54.5 | 55.0 | 56.1 | 56.2 | 55.3 | 57.9 | 58.2 | 57.0 | 56.9 | 56.0 | 56.2 | 55.0 | 55.5 | 54.5 | 53.5 | 53.0 | 54.5 | 8 |
| 51.0 | 51.1 | 50.9 | 50.0 | 51.1 | 53.4 | 54.6 | 56.8 | 58.0 | 59.3 | 59.0 | 60.0 | 59.8 | 60.2 | †60.4 | 61.1 | 61.8 | 62.0 | 59.6 | 58.3 | 56.8 | 55.6 | 54.0 | 56.5 | 9 |
| 52.6 | 51.8 | 51.5 | 50.6 | 52.0 | 54.0 | 56.3 | 58.3 | 60.5 | 61.0 | 61.0 | 61.8 | 62.5 | 63.5 | 63.5 | 64.5 | 65.0 | 64.6 | 63.0 | 61.4 | 60.7 | 59.0 | 58.0 | 58.8 | 10 |
| 57.0 | 57.8 | 57.9 | 58.0 | 59.0 | 59.8 | 60.3 | 60.5 | 61.4 | 63.1 | 63.4 | 63.8 | 64.3 | * | †65.8 | 65.5 | 63.0 | 60.8 | 60.3 | 60.0 | 60.2 | 60.3 | 59.4 | 61.1 | 11 |
| 56.8 | 55.8 | 55.6 | 54.9 | 55.0 | 56.4 | 57.6 | 58.5 | 59.3 | 60.6 | 61.5 | 62.0 | 63.0 | 63.5 | 63.0 | 63.0 | 63.6 | 61.6 | 60.2 | 60.0 | 59.0 | 58.6 | 58.5 | 59.4 | 12 |
| 57.8 | 57.6 | 57.2 | 57.0 | 57.3 | 58.0 | 58.6 | 58.6 | 59.4 | 61.0 | 62.8 | 64.2 | 65.5 | 65.9 | 65.1 | 65.8 | 65.3 | 64.5 | 62.6 | 61.0 | 60.7 | 60.6 | 59.6 | 61.0 | 13 |
| 57.5 | 57.5 | 56.8 | 57.8 | 57.9 | 58.3 | 58.5 | 58.9 | 59.3 | 60.4 | 63.0 | 63.5 | 64.0 | 64.0 | 62.4 | 62.3 | 61.8 | 61.0 | 60.6 | 60.1 | 60.0 | 59.5 | 59.0 | 60.1 | 14 |
| 58.7 | 58.5 | 58.0 | 57.7 | 57.6 | 58.0 | 58.0 | 58.8 | 60.1 | 60.9 | 61.2 | 61.0 | 61.0 | 61.6 | 61.7 | 61.3 | 60.5 | 60.0 | 59.2 | 58.2 | 58.2 | 57.8 | 57.4 | 59.3 | 15 |
| 56.4 | 56.0 | 56.0 | 56.0 | 56.1 | 56.3 | 56.5 | 57.0 | 57.5 | 58.0 | 59.5 | 59.3 | 60.0 | 61.5 | 61.3 | 60.9 | 60.4 | 59.5 | 59.0 | 58.9 | 58.3 | 58.0 | 57.5 | 58.2 | 16 |
| 57.7 | 57.6 | 57.7 | 57.3 | 58.0 | 58.8 | 59.0 | 59.8 | 61.0 | 61.9 | 62.5 | 63.8 | 64.0 | 63.8 | †63.9 | 64.0 | 62.0 | 60.2 | 59.0 | 58.3 | 58.0 | 57.6 | 57.0 | 60.0 | 17 |
| 57.0 | 56.9 | 56.0 | 55.9 | 55.4 | 55.3 | 55.8 | 56.3 | 57.0 | 58.0 | 58.9 | 59.0 | 59.2 | 59.0 | 59.0 | 58.6 | * | * | 57.0 | 56.6 | 56.6 | 56.6 | 56.3 | 57.2 | 18 |
| 56.0 | 55.9 | 55.8 | 55.8 | 56.0 | 56.4 | 56.9 | 57.5 | 57.9 | 60.0 | 61.1 | 62.7 | 63.3 | 64.0 | ..... | | * | ..... | ..... | 61.2 | 60.6 | 60.1 | 60.5 | 60.1 | 19 |
| 60.4 | 60.0 | 59.9 | 59.5 | 59.8 | 60.0 | 60.0 | 60.0 | 60.0 | 60.6 | 60.8 | 62.0 | 62.1 | 62.8 | 63.0 | 62.8 | 62.5 | 61.8 | 60.7 | 60.0 | 59.2 | 59.0 | 58.8 | 60.7 | 20 |
| 58.1 | 58.5 | 57.8 | 57.0 | 56.1 | 57.1 | 57.4 | 59.3 | 59.5 | 61.1 | 61.2 | 62.5 | 62.7 | 61.4 | 60.6 | 61.0 | 60.6 | 60.0 | 59.0 | 58.0 | 57.1 | 56.5 | 56.2 | 59.0 | 21 |
| 55.1 | 55.1 | 55.2 | 55.4 | 55.0 | 55.8 | 56.1 | 57.4 | 57.5 | 57.3 | 58.2 | 59.5 | 59.0 | 59.5 | 58.5 | 58.8 | 58.0 | 57.6 | 55.0 | 54.0 | 53.2 | 52.8 | 52.4 | 56.4 | 22 |
| 52.0 | 52.5 | 53.0 | 54.0 | 54.3 | 54.9 | 55.3 | 56.3 | 57.0 | 57.3 | 57.9 | 59.0 | 59.4 | 59.2 | 60.0 | 59.8 | 59.4 | 58.5 | 57.9 | 56.1 | 55.0 | 53.3 | 53.1 | 56.1 | 23 |
| 53.0 | 52.8 | 53.0 | 52.7 | 53.8 | 54.5 | 55.6 | 57.0 | 58.0 | 58.9 | 59.2 | 60.5 | 60.6 | 61.0 | 61.1 | 61.0 | 60.3 | 59.8 | 58.7 | 58.0 | 57.0 | 56.0 | 55.0 | 57.1 | 24 |
| 54.8 | 55.8 | 55.6 | 56.1 | 57.0 | 57.8 | 58.0 | 59.2 | 59.6 | 60.2 | 60.0 | 60.0 | 60.5 | 60.9 | 61.0 | 60.6 | 60.8 | 60.7 | 60.0 | 59.8 | 59.4 | 59.1 | 59.1 | 58.8 | 25 |
| 59.3 | 59.4 | 59.4 | 59.3 | 59.4 | 60.0 | 60.7 | 61.0 | 62.0 | 63.0 | 64.0 | 65.0 | 65.6 | 65.6 | 65.6 | 65.0 | 64.0 | 63.1 | 62.6 | 61.6 | 60.6 | 60.0 | 60.0 | 61.9 | 26 |
| 60.0 | 60.0 | 60.0 | 60.8 | 60.9 | 59.0 | 59.0 | 58.3 | 59.0 | 61.0 | 61.8 | 62.1 | 62.0 | 63.0 | 63.5 | 63.5 | 62.0 | 61.0 | 60.3 | 60.8 | 61.0 | 60.7 | 60.8 | 60.9 | 27 |
| 60.0 | 59.6 | 59.0 | 59.0 | 59.2 | 59.5 | 60.0 | 60.6 | 61.9 | 64.0 | 65.7 | 67.0 | 66.1 | 65.5 | 64.7 | 63.2 | 62.0 | 60.5 | 60.0 | 60.0 | 60.8 | 60.2 | 59.6 | 61.7 | 28 |
| 57.4 | 57.0 | 56.7 | 56.4 | 56.4 | 57.0 | 58.0 | 58.4 | 58.0 | 60.0 | 61.3 | 61.0 | 61.6 | 62.6 | 61.1 | 61.0 | 60.6 | 60.5 | 59.0 | 59.3 | 58.8 | 59.1 | 58.1 | 59.1 | 29 |
| 58.6 | 58.0 | 57.8 | 57.7 | 57.9 | 59.9 | 60.2 | 61.5 | 61.3 | 61.4 | 60.8 | 59.8 | 60.0 | 59.0 | 60.5 | 59.2 | 59.6 | 58.5 | 57.6 | 58.0 | 54.5 | 55.0 | 54.0 | 58.7 | 30 |
| 55.0 | 53.0 | 53.9 | 55.8 | 56.5 | 57.5 | 58.0 | 59.4 | 60.6 | 62.0 | 63.0 | 64.5 | 64.4 | 65.4 | 65.3 | 65.4 | 64.7 | 63.1 | 61.5 | 60.0 | 59.0 | 57.4 | 56.0 | 59.9 | 31 |

Meteorological Office,
116, Victoria Street, Westminster. S.W.
ROBERT H. SCOTT. Secretary.

1154

# KEW OBSERVATORY LAT: 51° 28′ N. LONG: 0° 19′ W.

## WIND

DIRECTION IN NUMBERS { 8 = E. 24 = W. / 16 = S. 32 = N. }

| DAYS. | 1 D | 1 V | 2 D | 2 V | 3 D | 3 V | 4 D | 4 V | 5 D | 5 V | 6 D | 6 V | 7 D | 7 V | 8 D | 8 V | 9 D | 9 V | 10 D | 10 V | 11 D | 11 V | NOON D | NOON V | D |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 20 | 5.5 | 20 | 3 | 20 | 2 | 20 | 3 | 20 | 3 | 20 | 5.5 | 20 | 5.5 | 20 | 6.5 | 31 | 7.5 | 31 | 7.5 | 3 | 8.5 | 6 | 7.5 | 5 |
| 2 | 29 | 4 | 29 | 4 | 29 | 4 | 29 | 4 | 29 | 4 | 29 | 4.5 | 29 | 4 | 29 | 5.5 | 29 | 5.5 | 29 | 4.5 | 29 | 4.5 | 29 | 4.5 | 25 |
| 3 | 1 | 3 | 1 | 4 | 1 | 4 | 1 | 4 | 1 | 6.5 | 1 | 5.5 | 1 | 5.5 | 31 | 7.5 | 25 | 6.5 | 28 | 7.5 | 28 | 7.5 | 26 | 8.5 | 25 |
| 4 | 25 | 5.5 | 25 | 4.5 | 25 | 5.5 | 25 | 5.5 | 25 | 4.5 | 25 | 5.5 | 25 | 5.5 | 25 | 6.5 | 22 | 6.5 | 20 | 9.5 | 20 | 7.5 | 20 | 7.5 | 20 |
| 5 | 19 | 7.5 | 19 | 5.5 | 19 | 8.5 | 19 | 8.5 | 19 | 8.5 | 19 | 6.5 | 19 | 6.5 | 19 | 6.5 | 19 | 5.5 | 19 | 7.5 | 16 | 8.5 | 16 | 15 | 17 |
| 6 | 18 | 4 | 18 | 3 | 18 | 3 | 18 | 3 | 18 | 1.5 | 18 | 3 | 18 | 4 | 18 | 3 | 18 | 4.5 | 20 | 5.5 | 21 | 4 | 21 | 5.5 | 21 |
| 7 | 25 | 8.5 | 25 | 7.5 | 25 | 4.5 | 25 | 5.5 | 25 | 7.5 | 25 | 5.5 | 25 | 7.5 | 23 | 7.5 | 19 | 11 | 20 | 13 | 19 | 16 | 20 | 18 | 17 |
| 8 | 26 | 25 | 26 | 18 | 26 | 16 | 25 | 18 | 25 | 16 | 25 | 13 | 25 | 17 | 26 | 15 | 26 | 18 | 25 | 16 | 24 | 15 | 26 | 19 | 24 |
| 9 | 25 | 5.5 | 25 | 4.5 | 25 | 4 | 25 | 4 | 25 | 4.5 | 25 | 6.5 | 25 | 5.5 | 25 | 7.5 | 26 | 6.5 | 25 | 8.5 | 24 | 7.5 | 26 | 7.5 | 25 |
| 10 | 26 | 4 | 25 | 3 | 26 | 3 | 25 | 4 | 26 | 3 | 25 | 4 | 25 | 4.5 | 25 | 4.5 | 25 | 4.5 | 25 | 4.5 | 22 | 6.5 | 24 | 7.5 | 27 |
| 11 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 1.5 | 3 | 2 | 3 | 2 | 3 | 3 | 3 | 4.5 | 3 | 3 | 1 | 9.5 | 2 | 11 | 3 | 14 | 2 |
| 12 | 3 | 10.5 | 3 | 6.5 | 3 | 12 | 3 | 10.5 | 1 | 10.5 | 1 | 10.5 | 3 | 9.5 | 3 | 12 | 3 | 13 | 2 | 12 | 2 | 13 | 2 | 12 | 2 |
| 13 | 2 | 13 | 2 | 9.5 | 2 | 10.5 | 2 | 7.5 | 2 | 9.5 | 1 | 10.5 | 1 | 11 | 1 | 12 | 2 | 11 | 32 | 13 | 2 | 13 | 1 | 15 | 1 |
| 14 | 2 | 10.5 | 2 | 9.5 | 2 | 11 | 1 | 9.5 | 1 | 9.5 | 1 | 9.5 | 1 | 9.5 | 2 | 11 | 1 | 11 | 1 | 12 | 1 | 15 | 2 | 15 | 1 |
| 15 | 1 | 11 | 1 | 10.5 | 1 | 9.5 | 2 | 12 | 3 | 10.5 | 3 | 11 | 3 | 9.5 | 3 | 11 | 3 | 10.5 | 2 | 12 | 1 | 10.5 | 2 | 9.5 | 1 |
| 16 | 1 | 10.5 | 2 | 9.5 | 2 | 10.5 | 2 | 11 | 2 | 10.5 | 2 | 9.5 | 2 | 9.5 | 2 | 12 | 2 | 12 | 3 | 10.5 | 3 | 12 | 3 | 11 | 2 |
| 17 | 3 | 9.5 | 3 | 8.5 | 3 | 7.5 | 3 | 10.5 | 3 | 9.5 | 3 | 10.5 | 3 | 9.5 | 3 | 10.5 | 3 | 11 | 3 | 12 | 3 | 14 | 3 | 15 | 3 |
| 18 | 3 | 14 | 3 | 12 | 3 | 10.5 | 3 | 12 | 3 | 11 | 2 | 13 | 4 | 15 | 4 | 13 | 5 | 11 | 4 | 14 | 4 | 14 | 4 | 16 | 4 |
| 19 | 4 | 12 | 4 | 10.5 | 3 | 9.5 | 3 | 11 | 3 | 9.5 | 3 | 10.5 | 3 | 13 | 3 | 13 | 3 | 12 | 3 | 14 | 2 | 12 | 3 | 14 | 2 |
| 20 | 2 | 9.5 | 2 | 6.5 | 2 | 7.5 | 2 | 8.5 | 2 | 9.5 | 2 | 7.5 | 2 | 10.5 | 2 | 9.5 | 2 | 12 | 2 | 8.5 | 2 | 10.5 | 3 | 10.5 | 2 |
| 21 | 3 | 10.5 | 3 | 9.5 | 5 | 10.5 | 5 | 12 | 5 | 12 | 5 | 10.5 | 5 | 11 | 5 | 13 | 4 | 14 | 4 | 15 | 4 | 13 | 5 | 13 | 3 |
| 22 | 5 | 15 | 4 | 16 | 3 | 14 | 4 | 13 | 4 | 13 | 3 | 15 | 3 | 16 | 3 | 17 | 4 | 17 | 4 | 16 | 4 | 15 | 4 | 18 | 4 |
| 23 | 5 | 7.5 | 5 | 7.5 | 5 | 7.5 | 5 | 8.5 | 5 | 9.5 | 5 | 11 | 4 | 10.5 | 4 | 12 | 3 | 16 | 4 | 15 | 4 | 13 | 5 | 15 | 4 |
| 24 | 5 | 12 | 5 | 11 | 5 | 9.5 | 5 | 6.5 | 5 | 11 | 5 | 10.5 | 5 | 10.5 | 3 | 10.5 | 3 | 12 | 4 | 12 | 4 | 13 | 5 | 13 | 5 |
| 25 | 5 | 8.5 | 5 | 4.5 | 5 | 9.5 | 5 | 9.5 | 5 | 8.5 | 5 | 9.5 | 5 | 12 | 5 | 12 | 5 | 14 | 5 | 13 | 6 | 14 | 6 | 13 | 6 |
| 26 | 4 | 4.5 | 4 | 6.5 | 4 | 6.5 | 4 | 4 | 4 | 4.5 | 4 | 7.5 | 6 | 15 | 6 | 5.5 | 6 | 4 | 6 | 4.5 | 6 | 3 | 6 | 4 | 6 |
| 27 | 6 | 2 | 6 | 3 | 6 | 5.5 | 6 | 4 | 6 | 3 | 6 | 5.5 | 2 | 7.5 | 2 | 8.5 | 2 | 9.5 | 2 | 7.5 | 2 | 7.5 | 32 | 8.5 | 1 |
| 28 | 2 | 8.5 | 2 | 6.5 | 2 | 8.5 | 2 | 6.5 | 2 | 6.5 | 2 | 8.5 | 2 | 9.5 | 1 | 9.5 | 2 | 11 | 2 | 9.5 | 2 | 10.5 | 3 | 12 | 5 |
| 29 | 4 | 8.5 | 4 | 8.5 | 4 | 9.5 | 4 | 9.5 | 4 | 11 | 4 | 9.5 | 4 | 6.5 | 4 | 8.5 | 2 | 11 | 2 | 11 | 3 | 13 | 4 | 12 | 4 |
| 30 | 18 | 6.5 | 28 | 8.5 | 28 | 7.5 | 28 | 5.5 | 28 | 6.5 | 31 | 6.5 | 2 | 10.5 | 4 | 9.5 | 5 | 12 | 6 | 8.5 | 6 | 8.5 | 6 | 7.5 | 6 |
| 31 | 6 | 4 | 6 | 4 | 5 | 4.5 | 5 | 4 | 5 | 5.5 | 5 | 4.5 | 5 | 5.5 | 2 | 6.5 | 32 | 6.5 | 32 | 5.5 | 32 | 5.5 | 31 | 5.5 | 31 |

## RAINFALL

RAIN GAUGE { HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 20 FEET.

| DAYS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | ·015 | ·020 | ·015 | ·020 | ·030 | ·020 | ·015 | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | ·035 | ·080 | ·115 | ·025 | | | | | | | | | | | ·010 |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | | | | | ·005 | | | | | | | | | | | ·010 | ·010 | | | | | | | |
| 7 | | | | | | | | | | | | | ·015 | | ·035 | ·050 | | ·050 | | | ·015 | ·010 | | |
| 8 | | ·025 | | | | | | | | ·005 | | ·020 | | ·010 | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | ·005 | | | | | | | | | | | | | | | | | | | |
| 11 | | | | | ·005 | | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | | | | | | | ·010 | ·005 | | | | | | | | | | | | | | | | |
| 27 | | | | | | | | | | | | | | | | | | | | | | | | |
| 28 | | | | | | | | | | | | | | | | | | | | | | | | |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | | | | | ·010 | | | | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | |

* Record defective or Instrument out of action. † Obtained from reading of Standard. ‡ Approximate.

# HOURLY VALUES AUGUST 1880.

AND VELOCITY IN MILES PER HOUR.

| | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | | 10 | | 11 | | MIDT. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | DAYS. |
| 4.5 | 29 | 6.5 | 29 | 5.5 | 29 | 6.5 | 29 | 5.5 | 29 | 4.5 | 29 | 4 | 29 | 3 | 29 | 4 | 29 | 3 | 29 | 4.5 | 1 |
| 1 | 32 | 7.5 | 32 | 8.5 | 32 | 6.5 | 3 | 5.5 | 3 | 2 | 3 | 2 | 3 | 4.5 | 1 | 5.5 | 1 | 5.5 | 1 | 4.5 | 2 |
| 8.5 | 25 | 9.5 | 23 | 8.5 | 25 | 10.5 | 25 | 6.5 | 25 | 4.5 | 25 | 4 | 25 | 4.5 | 25 | 4.5 | 25 | 4 | 25 | 4.5 | 3 |
| 11 | 19 | 9.5 | 19 | 10.5 | 19 | 12 | 18 | 10.5 | 18 | 8.5 | 18 | 8.5 | 18 | 9.5 | 18 | 6.5 | 18 | 4.5 | 14 | 7.5 | 4 |
| 14 | 17 | 13 | 17 | 11 | 18 | 11 | 18 | 7.5 | 18 | 4 | 18 | 4.5 | 18 | 4 | 18 | 3 | 18 | 3 | 18 | 3 | 5 |
| 5.5 | 21 | 7.5 | 21 | 7.5 | 21 | 7.5 | 21 | 7.5 | 21 | 5.5 | 21 | 9.5 | 21 | 7.5 | 21 | 10.5 | 25 | 10.5 | 25 | 8.5 | 6 |
| 20 | 17 | 19 | 16 | 19 | 17 | 17 | 17 | 15 | 19 | 19 | 21 | 21 | 21 | 13 | 22 | 14 | 26 | 20 | 26 | 20 | 7 |
| 15 | 25 | 17 | 25 | 19 | 26 | 14 | 27 | 10.5 | 27 | 9.5 | 27 | 5.5 | 27 | 5.5 | 25 | 7.5 | 25 | 7.5 | 25 | 6.5 | 8 |
| 5.5 | 26 | 6.5 | 26 | 6.5 | 26 | 4.5 | 26 | 4 | 26 | 3 | 26 | 4 | 26 | 6.5 | 25 | 6.5 | 25 | 4.5 | 25 | 4.5 | 9 |
| 6.5 | 24 | 7.5 | 25 | 6.5 | 26 | 6.5 | 26 | 4.5 | 26 | 4 | 26 | 3 | 26 | 3 | 26 | 3 | 3 | 8.5 | 3 | 6.5 | 10 |
| 2 | 2 | 12 | 32 | 13 | 5 | 13 | 5 | 12 | 5 | 10.5 | 6 | 7.5 | 6 | 5.5 | 6 | 7.5 | 3 | 9.5 | 3 | 11 | 11 |
| 3 | 1 | 12 | 2 | 12 | 1 | 15 | 2 | 13 | 2 | 10.5 | 2 | 10.5 | 2 | 8.5 | 2 | 6.5 | 2 | 11 | 3 | 12 | 12 |
| 4 | 2 | 13 | 2 | 14 | 2 | 14 | 1 | 13 | 2 | 9.5 | 32 | 14 | 1 | 11 | 2 | 14 | 3 | 9.5 | 2 | 10.5 | 13 |
| 6 | 2 | 17 | 2 | 18 | 2 | 12 | 1 | 13 | 2 | 12 | 2 | 15 | 1 | 11 | 1 | 10.5 | 1 | 11 | 1 | 10.5 | 14 |
| 12 | 1 | 11 | 1 | 12 | 1 | 11 | 2 | 13 | 2 | 14 | 2 | 13 | 1 | 9.5 | 1 | 10.5 | 2 | 10.5 | 2 | 9.5 | 15 |
| 4 | 3 | 11 | 2 | 14 | 1 | 15 | 1 | 12 | 1 | 12 | 1 | 9.5 | 3 | 12 | 3 | 11 | 3 | 13 | 3 | 11 | 16 |
| 20 | 4 | 20 | 4 | 17 | 4 | 20 | 3 | 17 | 4 | 15 | 4 | 21 | 4 | 16 | 4 | 15 | 3 | 14 | 3 | 13 | 17 |
| 16 | 4 | 14 | 4 | 14 | 4 | 14 | 4 | 12 | 4 | 12 | 3 | 10.5 | 4 | 11 | 4 | 10.5 | 4 | 12 | 4 | 10.5 | 18 |
| 12 | 4 | 13 | 1 | 14 | 1 | 11 | 2 | 12 | 1 | 10.5 | 1 | 10.5 | 1 | 10.5 | 2 | 8.5 | 2 | 8.5 | 2 | 9.5 | 19 |
| 11 | 32 | 12 | 32 | 14 | 1 | 13 | 1 | 8.5 | 1 | 6.5 | 1 | 6.5 | 1 | 7.5 | 1 | 7.5 | 2 | 12 | 3 | 11 | 20 |
| 13 | 6 | 15 | 4 | 18 | 4 | 18 | 4 | 18 | 3 | 14 | 3 | 13 | 3 | 12 | 4 | 15 | 5 | 12 | 5 | 13 | 21 |
| 15 | 3 | 18 | 3 | 16 | 3 | 18 | 3 | 16 | 4 | 13 | 5 | 10.5 | 5 | 12 | 5 | 7.5 | 5 | 7.5 | 5 | 8.5 | 22 |
| 16 | 5 | 12 | 4 | 12 | 4 | 14 | 3 | 13 | 3 | 12 | 6 | 9.5 | 6 | 10.5 | 5 | 12 | 5 | 12 | 5 | 11 | 23 |
| 12 | 5 | 12 | 5 | 8.5 | 5 | 10.5 | 5 | 8.5 | 5 | 10.5 | 5 | 5.5 | 5 | 8.5 | 5 | 12 | 5 | 8.5 | 5 | 7.5 | 24 |
| 8.5 | 5 | 10.5 | 6 | 10.5 | 6 | 10.5 | 6 | 8.5 | 6 | 7.5 | 4 | 12 | 4 | 10.5 | 4 | 8.5 | 4 | 8.5 | 4 | 6.5 | 25 |
| 6.5 | 6 | 6.5 | 6 | 4.5 | 6 | 6.5 | 6 | 5.5 | 6 | 4.5 | 6 | 2 | 6 | 2 | 6 | 3 | 6 | 2 | 6 | 3 | 26 |
| 8.5 | 2 | 10.5 | 2 | 8.5 | 2 | 9.5 | 3 | 8.5 | 3 | 7.5 | 3 | 5.5 | 3 | 7.5 | 3 | 5.5 | 2 | 5.5 | 2 | 5.5 | 27 |
| 7 | 7 | 14 | 6 | 16 | 5 | 13 | 5 | 12 | 5 | 7.5 | 5 | 7.5 | 5 | 6.5 | 4 | 11 | 4 | 11 | 4 | 8.5 | 28 |
| 13 | 5 | 14 | 6 | 10.5 | 6 | 7.5 | 6 | 6.5 | 6 | 7.5 | 6 | 9.5 | 6 | 5.5 | 6 | 4.5 | 16 | 5.5 | 18 | 5.5 | 29 |
| 6.5 | 6 | 5.5 | 6 | 3 | 6 | 5.5 | 6 | 4 | 6 | 4.5 | 6 | 6.5 | 6 | 4 | 6 | 3 | 6 | 4 | 6 | 4 | 30 |
| 5.5 | 27 | 5.5 | 24 | 8.5 | 24 | 6.5 | 24 | 5.5 | 24 | 4.5 | 24 | 2 | 24 | 4 | 24 | 4 | 24 | 3 | 24 | 2 | 31 |

# VAPOUR TENSION IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

| 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT | DAYS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 387 | 376 | 387 | 396 | 375 | 374 | 371 | 361 | 372 | 357 | * | * | 345 | 351 | 354 | 357 | 374 | 383 | 392 | 385 | 360 | 367 | 368 | 1 |
| 351 | 351 | 345 | 368 | 367 | 376 | 397 | 412 | 433 | 424 | 430 | 426 | 388 | 381 | 375 | 394 | 506 | 523 | 451 | 412 | 347 | 328 | 345 | 2 |
| 337 | 311 | 318 | 322 | 329 | 355 | 382 | * | 372 | 375 | 367 | 384 | 366 | 350 | 353 | 358 | 402 | 424 | 443 | 434 | 449 | 448 | 449 | 3 |
| 452 | 447 | 436 | 435 | 436 | 439 | 459 | 476 | 493 | 497 | 479 | 492 | 483 | 575 | 537 | 508 | 511 | 501 | 489 | 478 | 465 | 457 | 436 | 4 |
| 445 | 448 | 444 | 448 | 457 | 469 | 476 | 502 | 508 | 564 | 540 | 534 | 499 | 502 | 487 | 470 | 485 | 486 | 467 | 463 | 441 | 427 | 446 | 5 |
| 452 | 452 | 448 | 464 | 460 | 487 | 482 | 455 | 470 | 475 | 492 | 499 | 517 | 570 | 491 | 525 | 505 | 482 | 480 | 476 | 461 | 411 | 377 | 6 |
| 357 | 358 | 358 | 359 | 368 | 393 | 410 | 415 | 397 | 407 | 387 | 419 | 410 | 424 | 428 | 441 | 482 | 474 | 383 | 392 | 404 | 359 | 368 | 7 |
| 347 | 347 | 335 | 330 | 337 | 360 | 361 | 347 | 371 | 364 | 377 | 344 | 409 | 380 | 355 | 374 | 383 | 388 | 360 | 398 | 389 | 382 | 378 | 8 |
| 361 | 364 | 365 | 353 | 360 | 385 | 380 | 407 | 414 | 410 | 392 | 388 | 387 | 383 | †391 | 407 | 436 | 444 | 456 | 432 | 413 | 403 | 390 | 9 |
| 377 | 369 | 371 | 363 | 374 | 384 | 413 | 423 | 440 | 429 | 409 | 417 | 426 | 438 | 433 | 463 | 476 | 490 | 518 | 511 | 507 | 452 | 439 | 10 |
| 430 | 448 | 450 | 454 | 472 | 469 | 438 | 427 | 435 | 459 | 468 | 464 | 471 | * | †521 | 518 | 476 | 453 | 453 | 451 | 459 | 484 | 479 | 11 |
| 438 | 412 | 407 | 392 | 393 | 413 | 423 | 436 | 436 | 459 | 472 | 460 | 476 | 474 | 459 | 449 | 473 | 446 | 440 | 461 | 456 | 457 | 449 | 12 |
| 439 | 435 | 429 | 426 | 428 | 439 | 458 | 454 | 455 | 484 | 506 | 521 | 546 | 531 | 505 | 512 | 501 | 505 | 502 | 492 | 496 | 503 | 483 | 13 |
| 438 | 444 | 425 | 447 | 443 | 454 | 455 | 459 | 460 | 463 | 494 | 501 | 508 | 508 | 493 | 501 | 504 | 493 | 493 | 490 | 498 | 490 | 479 | 14 |
| 476 | 469 | 460 | 445 | 444 | 453 | 446 | 461 | 472 | 495 | 499 | 495 | 492 | 502 | 500 | 496 | 490 | 486 | 470 | 451 | 459 | 453 | 448 | 15 |
| 426 | 421 | 428 | 428 | 431 | 430 | 429 | 436 | 444 | 443 | 466 | 459 | 465 | 494 | 488 | 481 | 473 | 459 | 453 | 454 | 446 | 445 | 438 | 16 |
| 447 | 441 | 444 | 444 | 464 | 479 | 469 | 468 | 484 | 493 | 486 | 502 | 489 | 483 | †488 | 494 | 476 | 453 | 443 | 436 | 435 | 434 | 423 | 17 |
| 433 | 433 | 420 | 417 | 400 | 388 | 390 | 391 | 395 | 405 | 415 | 403 | 410 | 411 | 412 | 407 | * | * | 397 | 389 | 398 | 400 | 398 | 18 |
| 410 | 415 | 414 | 414 | 420 | 425 | 436 | 434 | 439 | 458 | 456 | 477 | 476 | 487 | ---- | ---- | -* | ---- | ---- | 513 | 497 | 482 | 491 | 19 |
| 500 | 490 | 492 | 486 | 480 | 489 | 492 | 482 | 482 | 487 | 493 | 510 | 502 | 509 | 504 | 509 | 507 | 504 | 496 | 490 | 480 | 470 | 464 | 20 |
| 446 | 456 | 450 | 431 | 405 | 420 | 416 | 446 | 438 | 458 | 447 | 463 | 467 | 404 | 395 | 406 | 413 | 429 | 442 | 432 | 416 | 409 | 402 | 21 |
| 375 | 379 | 382 | 390 | 383 | 391 | 382 | 398 | 401 | 384 | 381 | 398 | 391 | 382 | 362 | 382 | 376 | 381 | 358 | 346 | 355 | 359 | 353 | 22 |
| 358 | 374 | 384 | 392 | 391 | 396 | 401 | 416 | 410 | 407 | 424 | 431 | 427 | 418 | 434 | 424 | 420 | 409 | 418 | 397 | 371 | 358 | 367 | 23 |
| 376 | 376 | 378 | 377 | 389 | 386 | 402 | 410 | 417 | 423 | 413 | 438 | 434 | 441 | 444 | 443 | 436 | 433 | 447 | 442 | 414 | 407 | 393 | 24 |
| 399 | 416 | 422 | 425 | 438 | 447 | 450 | 462 | 469 | 475 | 475 | 474 | 481 | 485 | 485 | 492 | 508 | 510 | 495 | 489 | 479 | 473 | 473 | 25 |
| 483 | 494 | 494 | 495 | 497 | 503 | 506 | 506 | 510 | 522 | 534 | 541 | 546 | 549 | 540 | 531 | 577 | 504 | 523 | 520 | 507 | 501 | 503 | 26 |
| 503 | 503 | 503 | 525 | 526 | 476 | 476 | 457 | 464 | 479 | 497 | 493 | 505 | 501 | 515 | 519 | 496 | 498 | 491 | 500 | 506 | 496 | 500 | 27 |
| 493 | 478 | 470 | 476 | 483 | 487 | 493 | 493 | 522 | 537 | 550 | 542 | 494 | 468 | 453 | 415 | 430 | 408 | 424 | 447 | 485 | 474 | 467 | 28 |
| 432 | 423 | 430 | 423 | 422 | 431 | 439 | 434 | 409 | 434 | 450 | 437 | 435 | 453 | 423 | 430 | 445 | 466 | 444 | 455 | 454 | 465 | 456 | 29 |
| 462 | 453 | 450 | 451 | 450 | 465 | 453 | 467 | 467 | 459 | 435 | 407 | 416 | 387 | 437 | 406 | 436 | 405 | 398 | 424 | 387 | 403 | 391 | 30 |
| 412 | 416 | 402 | 439 | 446 | 454 | 452 | 463 | 472 | 483 | 486 | 505 | 484 | 504 | 495 | 491 | 507 | 503 | 509 | 492 | 476 | 456 | 434 | 31 |

Meteorological Office
116, Victoria Street, Westminster. S. W.
ROBERT H. SCOTT, Secretary.

1754

# VALENCIA OBSERVATORY LAT: 51° 55′ N. LONG: 10° 18′

## BAROMETER

| DAYS. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON. | 1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 29.972 | 29.973 | 29.975 | 29.984 | 29.996 | 30.031 | 30.045 | 30.082 | 30.096 | 30.118 | 30.127 | 30.128 | 30. |
| 2 | 30.218 | 30.214 | 30.213 | 30.205 | 30.202 | .203 | .213 | .229 | .242 | .234 | .238 | .236 | . |
| 3 | 30.178 | 30.169 | 30.152 | 30.137 | 30.131 | 30.135 | 30.123 | 30.125 | 30.124 | 30.120 | 30.113 | 30.098 | 30. |
| 4 | 29.853 | 29.822 | 29.788 | 29.763 | 29.741 | 29.749 | 29.752 | 29.752 | 29.753 | 29.771 | 29.781 | 29.773 | 29. |
| 5 | 29.837 | 29.842 | 29.843 | 29.846 | 29.852 | 29.877 | 29.889 | 29.909 | 29.921 | 29.937 | 29.944 | 29.952 | 29. |
| 6 | 30.042 | 30.037 | 30.032 | 30.027 | 30.024 | 30.029 | 30.041 | 30.046 | 30.056 | 30.053 | 30.046 | 30.045 | 30. |
| 7 | .048 | .041 | .040 | 30.032 | 30.029 | 30.052 | 30.060 | 30.063 | 30.065 | 30.072 | 30.074 | 30.074 | 30. |
| 8 | 30.026 | 30.010 | 30.004 | 29.996 | 29.990 | 29.993 | 29.992 | 29.983 | 29.977 | 29.970 | 29.956 | 29.941 | 29. |
| 9 | 29.820 | 29.804 | 29.781 | .765 | .765 | .761 | .757 | .745 | .740 | .711 | .700 | .687 | . |
| 10 | .507 | .490 | .478 | .469 | .462 | .452 | .453 | .464 | .472 | .485 | .501 | .505 | . |
| 11 | .569 | .562 | .551 | .557 | .558 | .571 | .586 | .591 | .595 | .607 | .611 | .620 | . |
| 12 | .573 | .561 | .548 | .543 | .534 | .535 | .541 | .545 | .550 | .553 | .552 | .551 | . |
| 13 | .671 | .685 | 29.691 | 29.691 | 29.695 | 29.703 | 29.713 | 29.721 | 29.734 | 29.733 | .737 | .739 | . |
| 14 | .081 | .082 | 28.961 | 28.893 | 28.871 | 28.871 | 28.872 | 28.904 | 28.949 | 28.991 | .026 | .067 | . |
| 15 | 29.785 | 29.802 | 29.809 | 29.818 | 29.830 | 29.850 | 29.860 | 29.872 | 29.882 | 29.893 | 29.901 | 29.900 | 29. |
| 16 | 30.002 | 30.007 | .998 | 30.003 | 30.003 | 30.012 | 30.023 | 30.047 | 30.052 | 30.056 | 30.061 | 30.047 | 30. |
| 17 | 30.008 | 30.005 | .987 | 29.967 | 29.951 | 29.943 | 29.940 | 29.937 | 29.923 | 29.909 | 29.896 | 29.873 | 29. |
| 18 | 29.687 | 29.672 | .666 | .663 | .660 | .666 | .684 | .692 | .699 | .718 | .728 | .739 | . |
| 19 | .756 | .747 | .742 | .741 | .745 | .756 | * | * | .774 | .789 | .797 | .800 | . |
| 20 | .926 | .927 | .928 | .935 | .946 | .950 | .970 | .973 | .973 | .971 | .971 | .963 | . |
| 21 | .836 | .842 | .846 | .847 | .857 | .882 | .896 | .903 | .912 | .922 | .941 | .943 | . |
| 22 | 29.924 | 29.931 | 29.942 | 29.937 | 29.934 | 29.928 | 29.926 | 29.924 | 29.928 | 29.942 | 29.958 | 29.980 | 29. |
| 23 | 30.099 | 30.100 | 30.094 | 30.096 | 30.096 | 30.098 | 30.108 | 30.113 | 30.112 | 30.111 | 30.104 | 30.108 | 30. |
| 24 | 30.029 | 30.011 | 30.001 | 29.994 | 29.975 | 29.974 | 29.977 | 29.974 | 29.974 | 29.968 | 29.963 | 29.956 | 29. |
| 25 | 29.942 | 29.951 | 29.952 | .956 | .959 | .973 | 29.987 | 29.993 | 29.993 | 29.999 | 30.002 | 29.999 | 30. |
| 26 | 30.000 | 30.002 | 29.991 | 29.991 | 29.994 | 29.997 | 30.008 | 30.031 | 30.035 | 30.058 | .066 | 30.071 | . |
| 27 | .117 | .107 | 30.113 | 30.111 | 30.110 | 30.118 | .122 | .136 | .148 | .168 | .182 | .200 | . |
| 28 | .356 | .366 | .365 | .366 | .376 | .391 | .414 | .425 | .423 | .423 | .426 | .423 | . |
| 29 | .433 | .415 | .404 | .402 | .396 | .391 | .395 | .401 | .402 | .406 | .402 | .396 | . |
| 30 | 30.327 | 30.310 | 30.278 | 30.270 | 30.272 | 30.271 | 30.267 | 30.260 | 30.255 | 30.245 | 30.253 | 30.252 | 30. |
| 31 | | | | | | | | | | | | | |

## DRY BULB THERMOMETER 12 FEET ABOVE GROUND

| DAYS. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 63.5 | 64.0 | 64.5 | 64.4 | 63.7 | 61.9 | 60.9 | 61.1 | 62.3 | 63.8 | 64.0 | †65.2 | †66.5 | 66.0 | 66.8 | 66.3 | 65.3 | 64.0 | 63.1 | 63.0 | 62.9 | 62.4 | 62.4 | 62.6 |
| 2 | 63.1 | 62.7 | 62.8 | 62.7 | 62.9 | 63.1 | 63.7 | 64.1 | 65.3 | 65.6 | 65.4 | 66.2 | 66.7 | 66.6 | 66.6 | 65.8 | 66.0 | 65.5 | 64.8 | 64.9 | 64.5 | 64.4 | 64.2 | 64.0 |
| 3 | 63.8 | 63.1 | 62.8 | 62.1 | 62.0 | 61.4 | 62.4 | 63.3 | 64.7 | 66.1 | 67.7 | 68.3 | 69.0 | 69.7 | 71.4 | 71.6 | 71.8 | 68.5 | 65.9 | 63.3 | 62.8 | 64.2 | 63.4 | 63.3 |
| 4 | 63.5 | 64.0 | 65.5 | 66.3 | 65.9 | 65.7 | 65.1 | 65.4 | 65.4 | 66.4 | 67.6 | 67.7 | 67.9 | 68.6 | 68.4 | 67.0 | 66.6 | 68.4 | 65.4 | 65.1 | 65.1 | 60.0 | 61.5 | 60.9 |
| 5 | 61.5 | 61.9 | 62.2 | 62.5 | 61.0 | 61.9 | 60.9 | 60.6 | 62.9 | 62.9 | 64.2 | 63.5 | 65.2 | 65.4 | 65.4 | 61.9 | 63.9 | 63.0 | 60.9 | 59.9 | 59.5 | 59.3 | 60.1 | 59.4 |
| 6 | 59.0 | 58.2 | 58.9 | 58.7 | 57.9 | 59.7 | 58.0 | 59.3 | 58.2 | 61.5 | 61.9 | 62.8 | 64.0 | 62.3 | 61.7 | 63.3 | 62.4 | 62.3 | 60.4 | 57.7 | 57.8 | 56.8 | 58.2 | 58.6 |
| 7 | 59.3 | 59.0 | 57.8 | 58.2 | 58.6 | 58.0 | 57.6 | 58.9 | 60.2 | 61.9 | 62.4 | 62.7 | 64.1 | 64.4 | 64.4 | 64.2 | 64.3 | 63.8 | 61.3 | 59.4 | 58.3 | 57.7 | 57.5 | 56.9 |
| 8 | 57.1 | 56.8 | 56.5 | 56.6 | 56.0 | 55.6 | 57.1 | 59.0 | 60.6 | 61.3 | 62.3 | 63.5 | 65.3 | 66.6 | 66.0 | 66.9 | 65.1 | 64.1 | 62.6 | 59.8 | 58.3 | 57.8 | 55.3 | 54.9 |
| 9 | 56.0 | 56.1 | 56.0 | 56.0 | 56.6 | 57.0 | 58.3 | 60.4 | 61.2 | 63.6 | 65.3 | 68.0 | 66.6 | 65.6 | 64.8 | 65.0 | 64.8 | 63.4 | 61.9 | 61.3 | 61.4 | 59.7 | 61.2 | 61.7 |
| 10 | 61.8 | 62.0 | 62.4 | 62.1 | 62.1 | 58.4 | 58.6 | 58.5 | 58.5 | 58.8 | 58.9 | 59.5 | 60.3 | 62.2 | 61.9 | 62.1 | 59.9 | 57.2 | 57.6 | 55.5 | 54.2 | 54.1 | 54.8 | 56.9 |
| 11 | 53.7 | 55.2 | 57.0 | 56.5 | 57.2 | 56.7 | 54.7 | 56.7 | 60.3 | 60.2 | 61.1 | 61.9 | 61.8 | 60.5 | 61.7 | 61.2 | 61.3 | 59.8 | 58.3 | 57.6 | 57.2 | 55.9 | 56.4 | 55.8 |
| 12 | 55.4 | 55.0 | 53.8 | 52.9 | 52.1 | 53.1 | 54.5 | 55.6 | 56.6 | 58.7 | 60.0 | 60.5 | 60.9 | 62.0 | 61.1 | 59.7 | 56.8 | 55.4 | 53.6 | 54.2 | 54.9 | 54.7 | 55.5 | 54.7 |
| 13 | 54.8 | 54.9 | 55.6 | 54.4 | 54.7 | 52.2 | 53.9 | 56.6 | 54.4 | 58.4 | 59.1 | 59.9 | 60.6 | 60.9 | 57.9 | 56.6 | 57.4 | 56.7 | 55.8 | 55.3 | 55.4 | 54.6 | 54.2 | 56.6 |
| 14 | 57.5 | 56.8 | 56.8 | 56.9 | 57.9 | 57.5 | 56.3 | 56.9 | 57.6 | 58.3 | 57.6 | 58.6 | 56.4 | 57.3 | 57.9 | 57.6 | 56.5 | 57.2 | 57.9 | 57.5 | 56.6 | 56.3 | 56.8 | 56.4 |
| 15 | 56.2 | 56.0 | 56.3 | 54.0 | 55.4 | 55.3 | 56.2 | 56.6 | 57.4 | 57.6 | 57.4 | 55.8 | 57.0 | 59.4 | 59.4 | 58.6 | 58.1 | 55.5 | 56.2 | 56.6 | 56.7 | 56.6 | 56.9 | 57.1 |
| 16 | 56.9 | 56.6 | 56.6 | 55.9 | 54.0 | 54.0 | 54.1 | 54.4 | 56.1 | 56.4 | 57.4 | 57.6 | 58.7 | 58.8 | 59.2 | 58.5 | 57.8 | 57.1 | 55.6 | 56.8 | 56.8 | 55.1 | 56.1 | 56.1 |
| 17 | 54.0 | 54.3 | 55.0 | 54.9 | 56.9 | 56.7 | 57.1 | 56.6 | 58.9 | 59.3 | 60.2 | 60.8 | 59.5 | 60.1 | 58.3 | 58.8 | 59.1 | 56.5 | 56.5 | 56.5 | 54.8 | 53.4 | 54.9 | 53.3 |
| 18 | 51.9 | 52.8 | 52.9 | 51.9 | 52.0 | 52.6 | 51.6 | 51.3 | 54.2 | 55.2 | 53.6 | 56.4 | 57.4 | 53.9 | 56.3 | 54.5 | 56.2 | 54.4 | 54.2 | 53.4 | 53.9 | 51.4 | 52.9 | 53.2 |
| 19 | 53.9 | 53.9 | 53.9 | 53.4 | 53.4 | 52.6 | 53.2 | 53.8 | 54.4 | 55.4 | 56.1 | 56.3 | 56.5 | 55.9 | 57.1 | 57.3 | 55.9 | 54.3 | 57.9 | 53.1 | 54.2 | 53.1 | 53.3 | 53.5 |
| 20 | 52.5 | 52.8 | 52.6 | 53.6 | 54.4 | 54.1 | 54.4 | 55.4 | 56.5 | 57.2 | 58.4 | 58.7 | 58.5 | 58.7 | 58.5 | 57.7 | 56.6 | 56.2 | 56.4 | 56.6 | 57.1 | 59.1 | 58.9 | 58.9 |
| 21 | 59.0 | 58.9 | 58.9 | 58.7 | 58.3 | 57.6 | 57.2 | 57.3 | 58.9 | 60.1 | 60.0 | 60.8 | 62.5 | 61.8 | 60.4 | 59.4 | 60.2 | 58.8 | 58.9 | 59.4 | 59.9 | 59.9 | 59.9 | 59.4 |
| 22 | 59.7 | 59.7 | 59.7 | 59.9 | 59.6 | 59.5 | 59.8 | 60.1 | 60.3 | 60.4 | 61.1 | 60.8 | 60.9 | 60.9 | 61.4 | 61.0 | 61.0 | 60.4 | 59.1 | 58.3 | 59.2 | 58.9 | 59.2 | 58.9 |
| 23 | 58.8 | 58.7 | 59.3 | 59.3 | 59.0 | 59.1 | 59.0 | 59.1 | 59.8 | 60.2 | 61.6 | 61.7 | 61.5 | 61.6 | 61.9 | 60.8 | 60.2 | 59.6 | 59.1 | 58.3 | 58.9 | 58.8 | 58.8 | 58.1 |
| 24 | 57.6 | 57.6 | 57.4 | 57.0 | 57.0 | 57.1 | 57.1 | 57.0 | 57.5 | 58.0 | 58.7 | 59.1 | 59.8 | 59.9 | 59.6 | 59.9 | 60.1 | 59.4 | 59.1 | 58.9 | 59.1 | 59.4 | 59.3 | 59. |
| 25 | 59.1 | 57.3 | 56.9 | 56.9 | 56.3 | 55.2 | 53.1 | 54.2 | 56.4 | 57.9 | 60.4 | 61.7 | 62.2 | 62.5 | 62.8 | 62.3 | 62.4 | 60.8 | 59.6 | 59.1 | 59.6 | 59.6 | 59.8 | 59. |
| 26 | 59.9 | 59.9 | 59.9 | 59.9 | 60.2 | 60.0 | 60.2 | 60.5 | 60.8 | 60.8 | 61.6 | 61.8 | 62.6 | 62.1 | 62.4 | 61.4 | 60.3 | 59.9 | 59.8 | 59.7 | 59.3 | 58.9 | 59.4 | 59. |
| 27 | 59.6 | 59.4 | 58.9 | 58.5 | 58.7 | 58.8 | 58.9 | 59.7 | 60.6 | 61.4 | 62.3 | 63.2 | 62.9 | 63.3 | 62.7 | 62.8 | 62.1 | 61.4 | 60.7 | 60.3 | 60.6 | 60.1 | 58.8 | 58. |
| 28 | 58.8 | 58.8 | 58.9 | 59.3 | 59.1 | 58.9 | 59.1 | 59.1 | 59.9 | 61.0 | 61.3 | 62.2 | 61.8 | 62.4 | 62.6 | 62.4 | 61.4 | 60.2 | 59.9 | 59.8 | 59.3 | 59.2 | 58.9 | 58. |
| 29 | 57.8 | 56.9 | 57.0 | 56.7 | 56.6 | 55.5 | 55.3 | 57.2 | 58.2 | 59.6 | 61.6 | 63.6 | 65.5 | 65.9 | 66.7 | 66.7 | 65.6 | 63.7 | 59.7 | 57.4 | 56.4 | 57.1 | 56.4 | 55. |
| 30 | 56.9 | 55.5 | 54.5 | 54.6 | 55.8 | 56.0 | 56.3 | 56.3 | 59.1 | 60.9 | 62.6 | 63.8 | 64.3 | 64.4 | 64.3 | 63.2 | 62.2 | 59.9 | 58.6 | 58.6 | 58.5 | 58.6 | 58.4 | 58. |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | |

* *Record defective or Instrument out of action.* † *Reading of Standard* ‡ *Approxima*